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MEMOIRS
OF THE
MUSEUM OF COMPARATIVE ZOÖLOGY
AT
HARVARD COLLEGE.

VOL. XXII.

(ATLAS.)

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CONTENTS.

REPORTS ON THE RESULTS OF DREDGING, UNDER THE SUPERVISION OF ALEXANDER AGASSIZ, IN THE GULF OF MEXICO (1877-78), IN THE CARIBBEAN SEA (1878-79), AND ALONG THE ATLANTIC COAST OF THE UNITED STATES (1880), by the U. S. Coast Survey Steamer "Blake," Lieut.-Com. C. D. SIGSBEE, U. S. N., and Com. J. R. BARTLETT, U. S. N., Commanding. Published by Permission of CARLILE P. PATTERSON and W. W. DUFFIELD, Superintendents of the U. S. Coast and Geodetic Survey. XXXVI. OCEANIC ICHTHYOLOGY. A TREATISE ON THE DEEP SEA AND PELAGIC FISHES OF THE WORLD, BASED CHIEFLY UPON THE COLLECTIONS MADE BY THE STEAMERS "BLAKE," "ALBATROSS," AND "FISHHAWK," IN THE NORTHWESTERN ATLANTIC, WITH AN ATLAS CONTAINING 417 FIGURES. By GEORGE BROWN GOODE and TARLETON H. BEAN. Published in Connection with the National Museum and the Smithsonian Institution.

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OCEANIC ICHTHYOLOGY.

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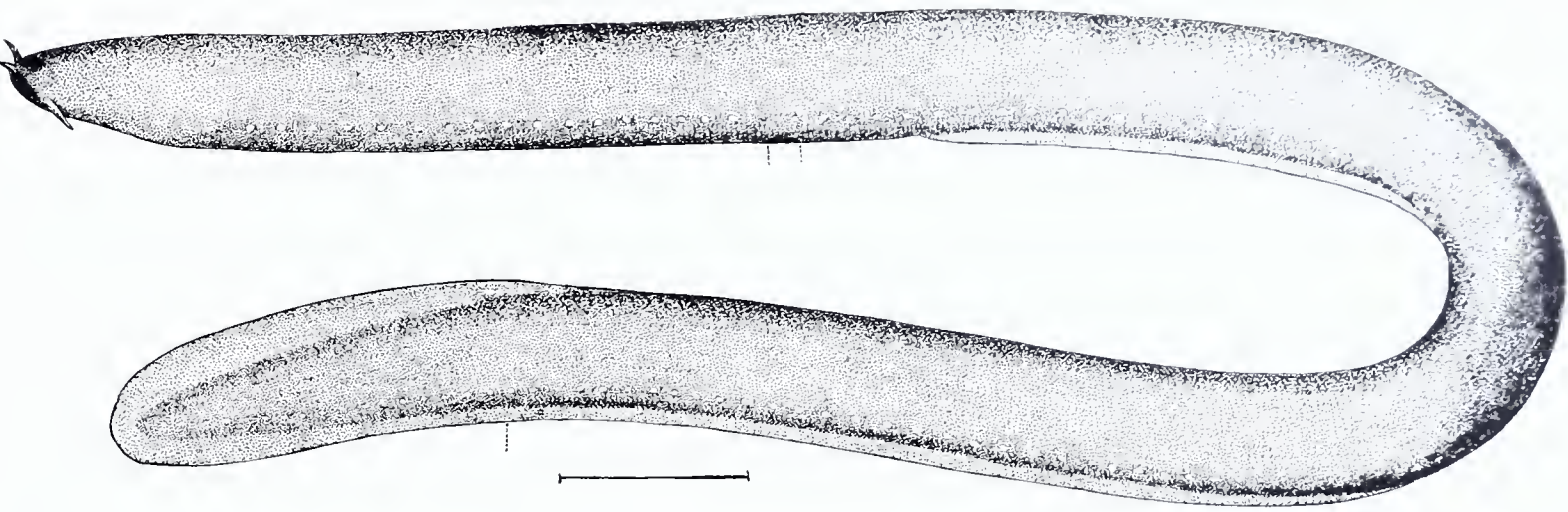
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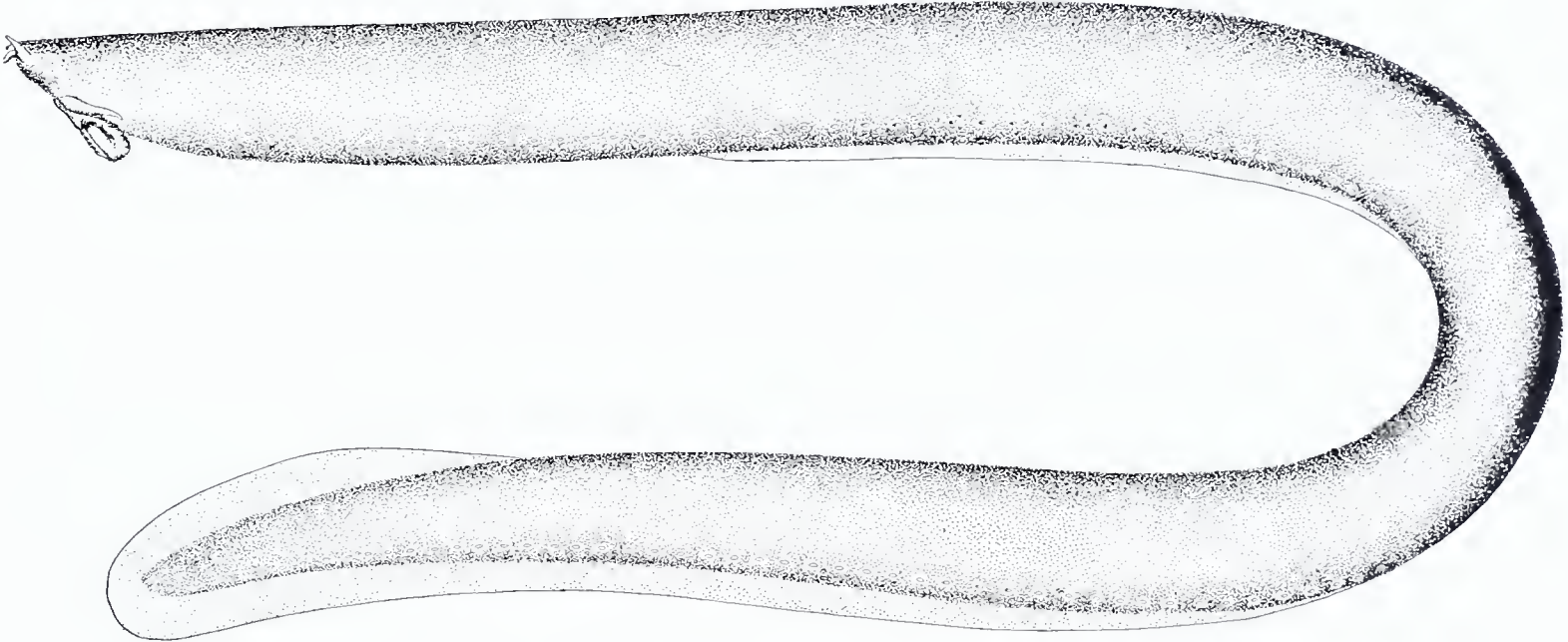
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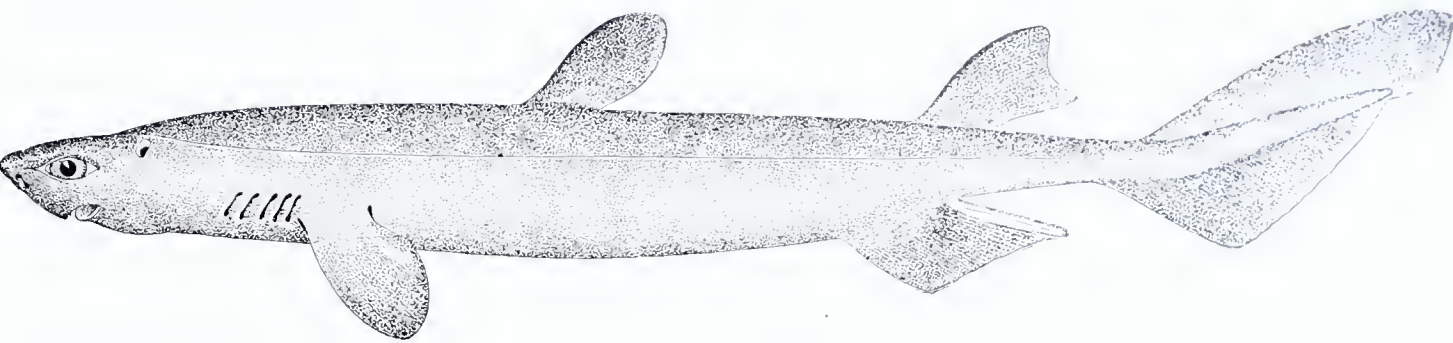


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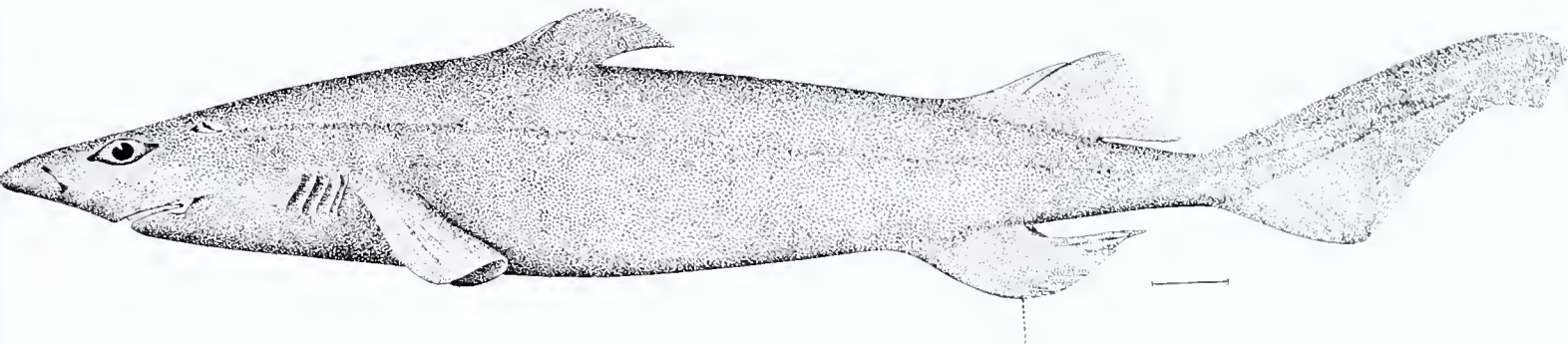
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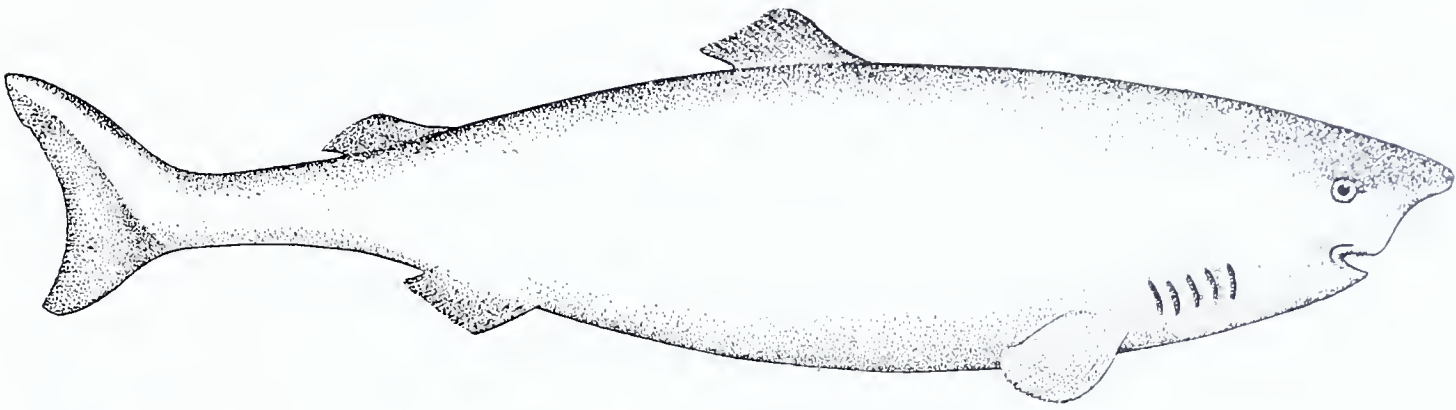
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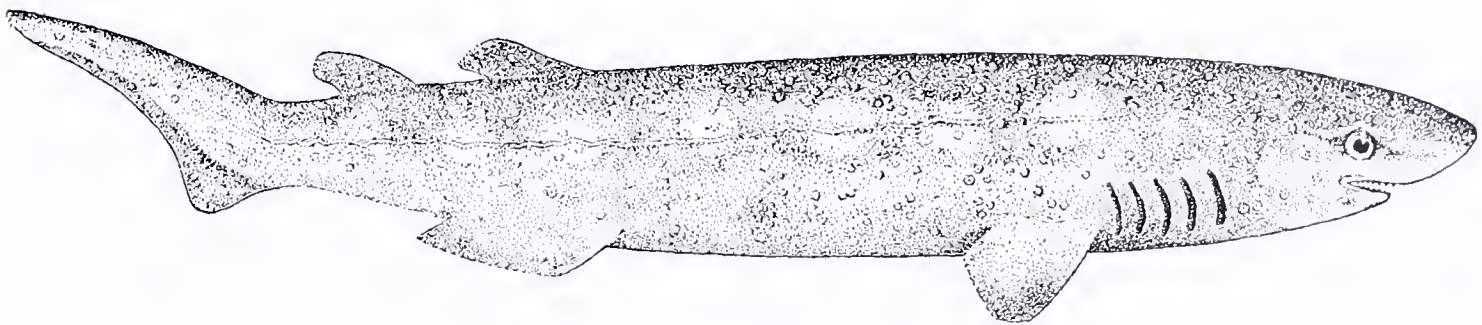
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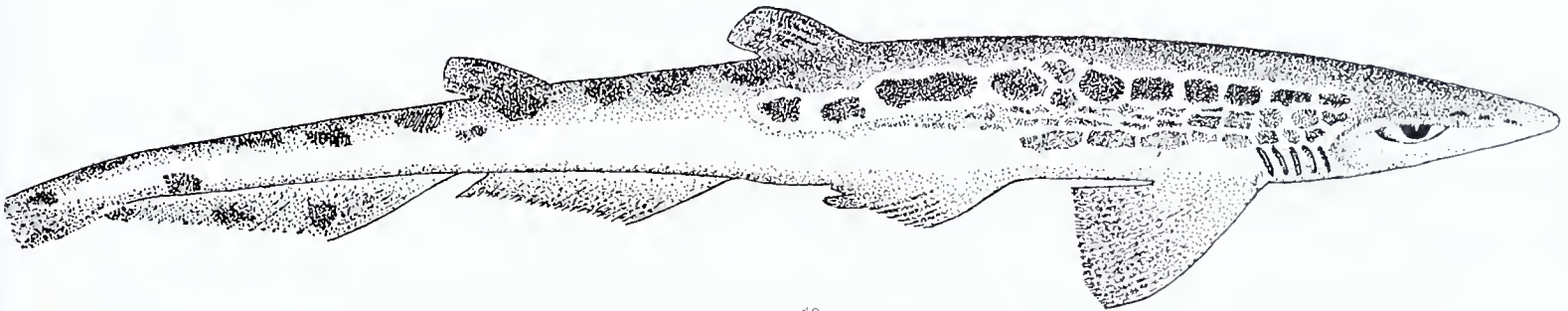
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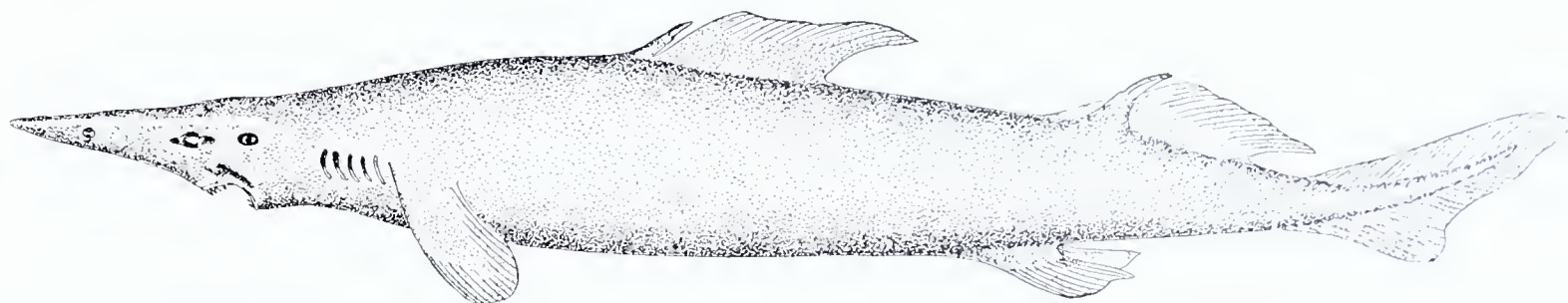
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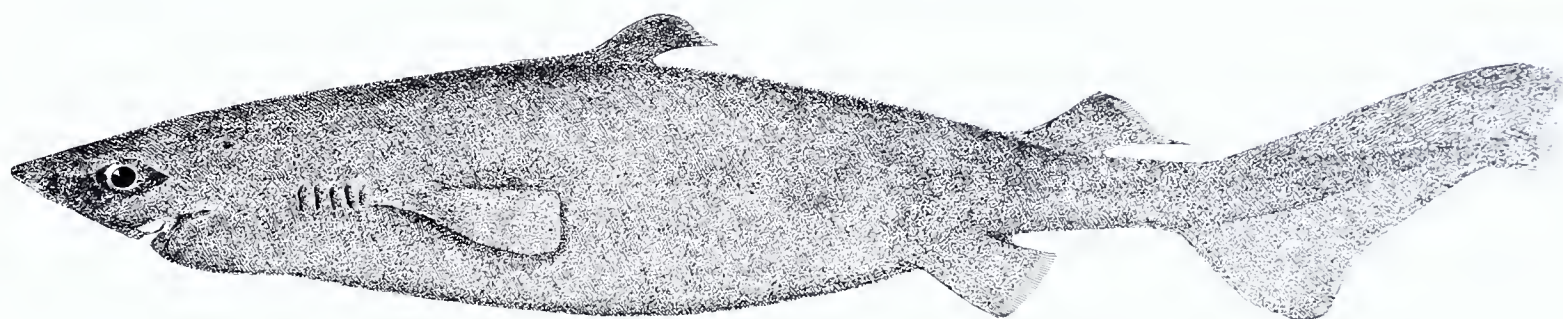
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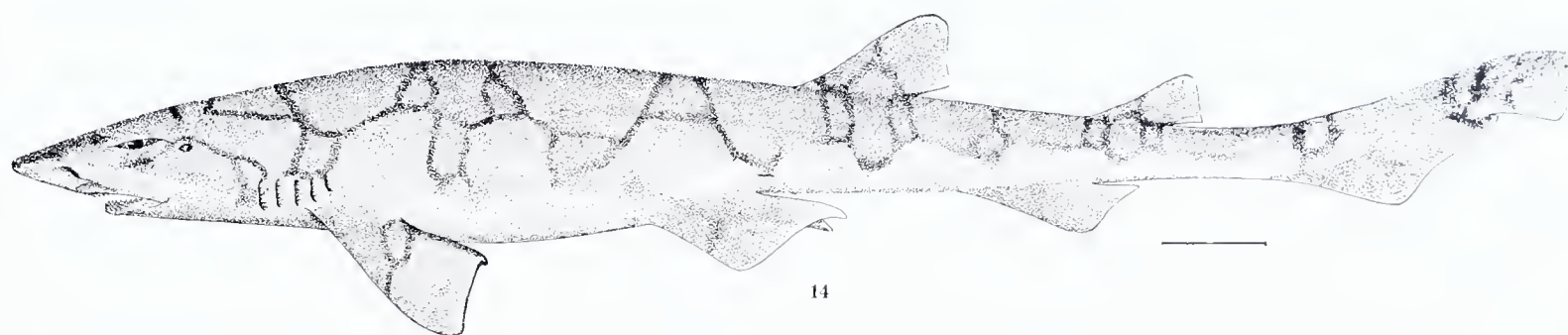
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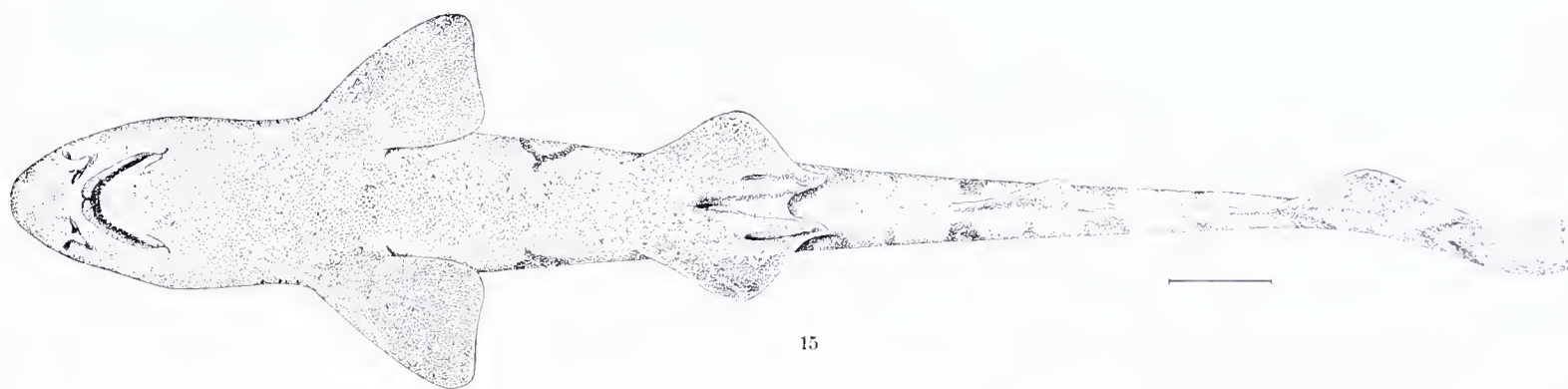
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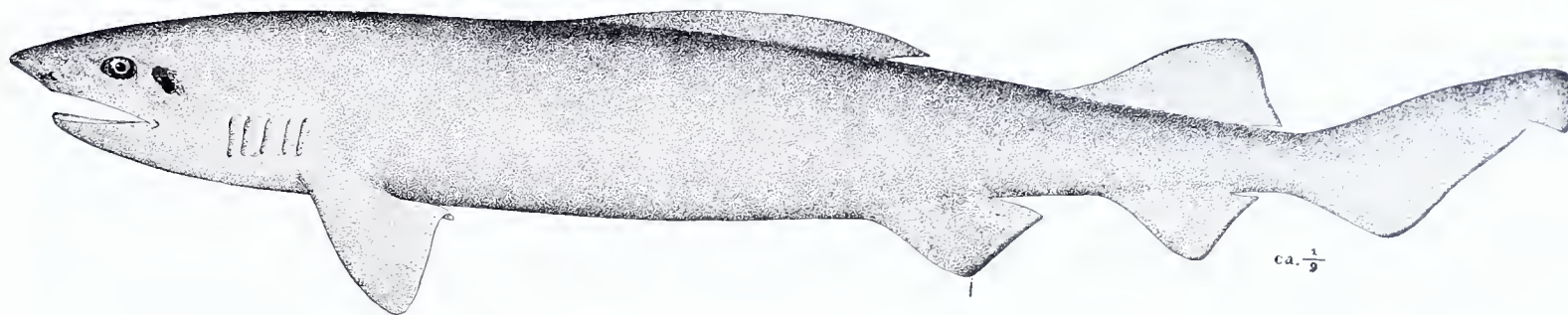
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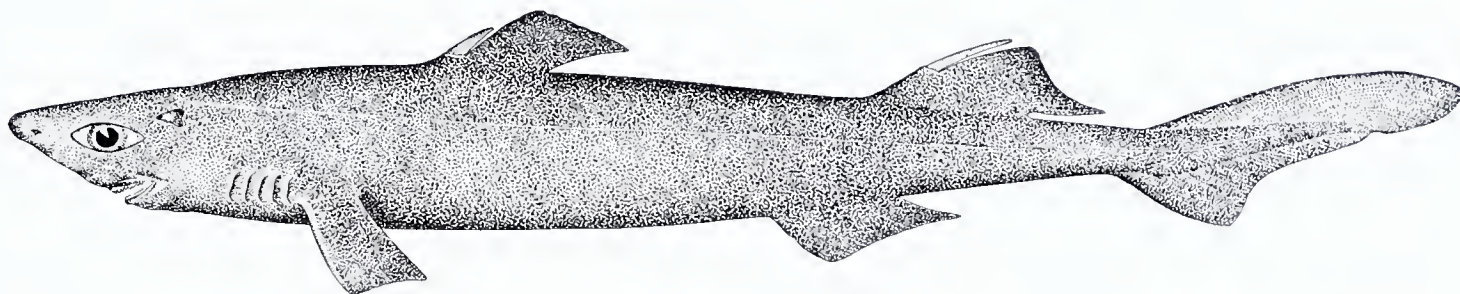


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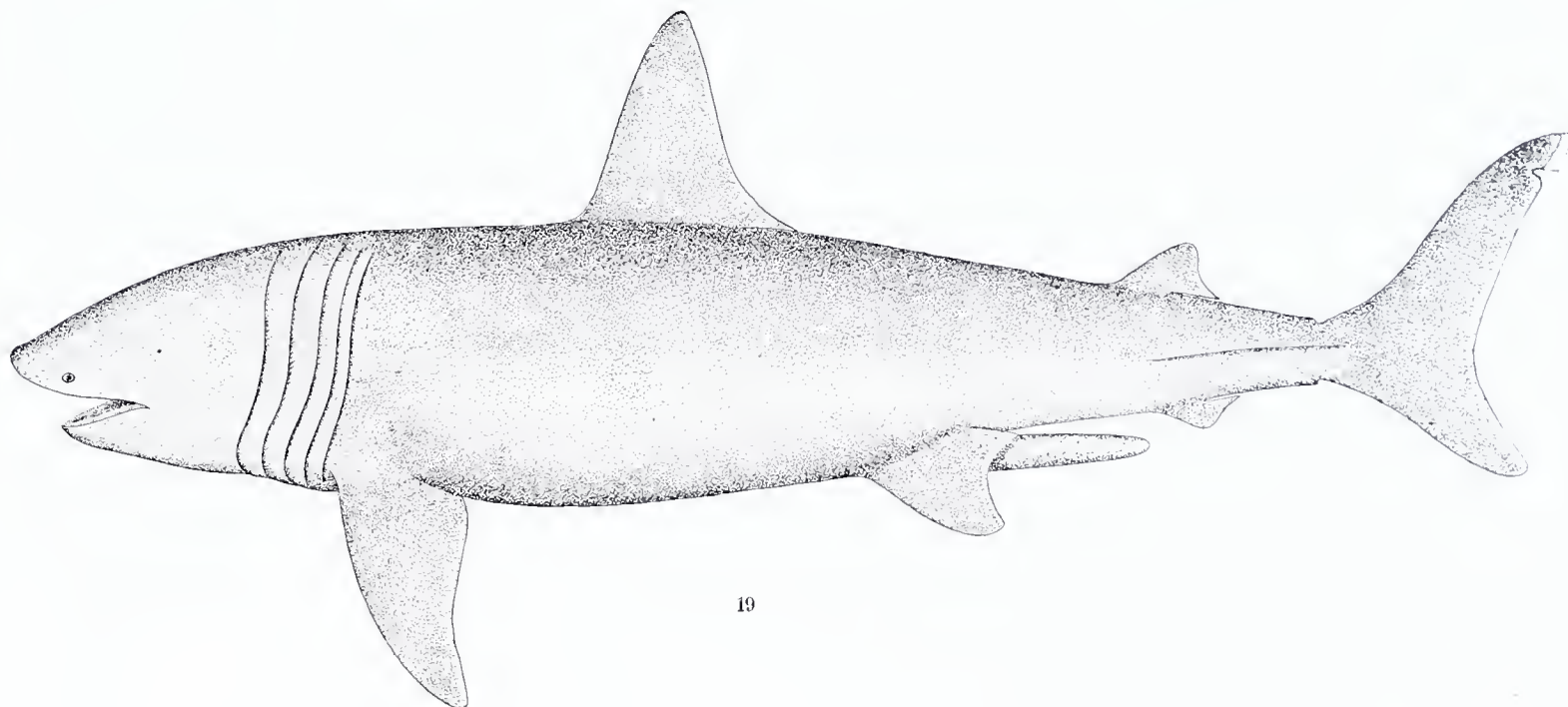


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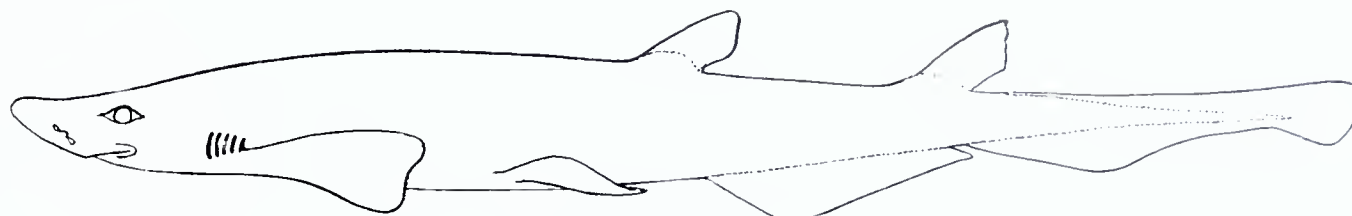
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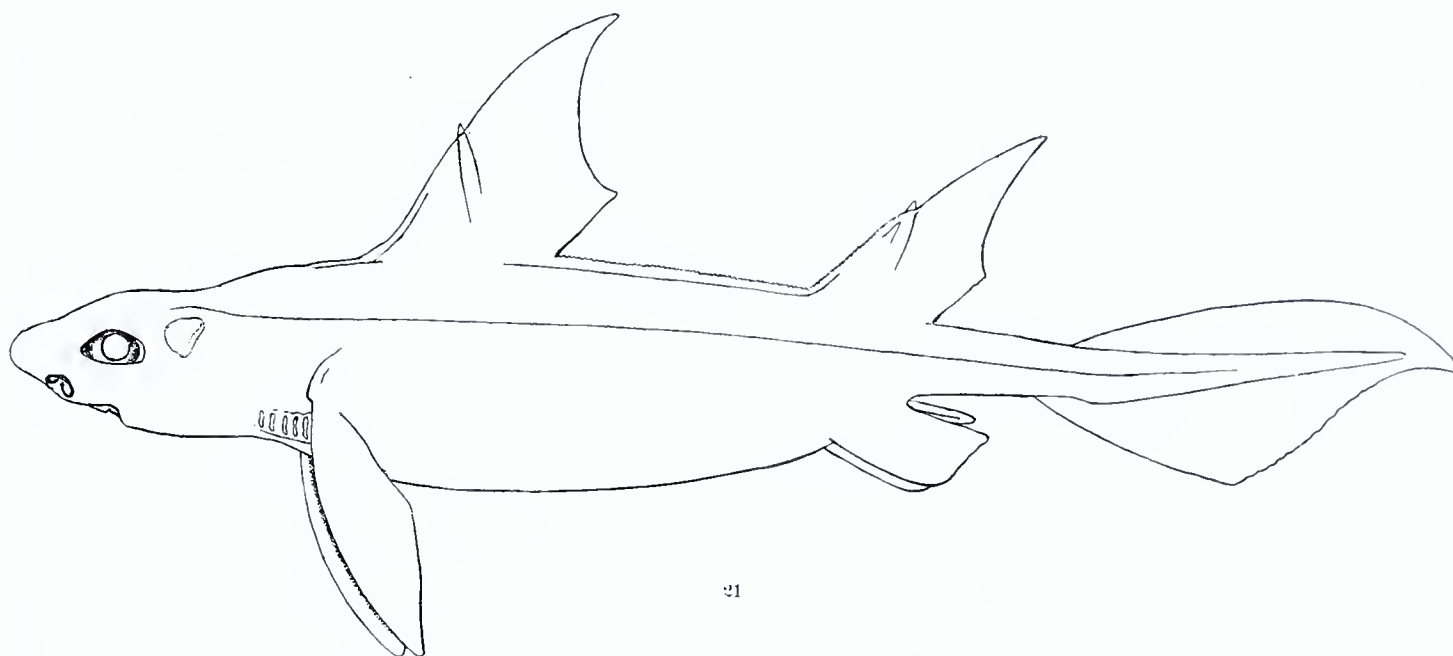
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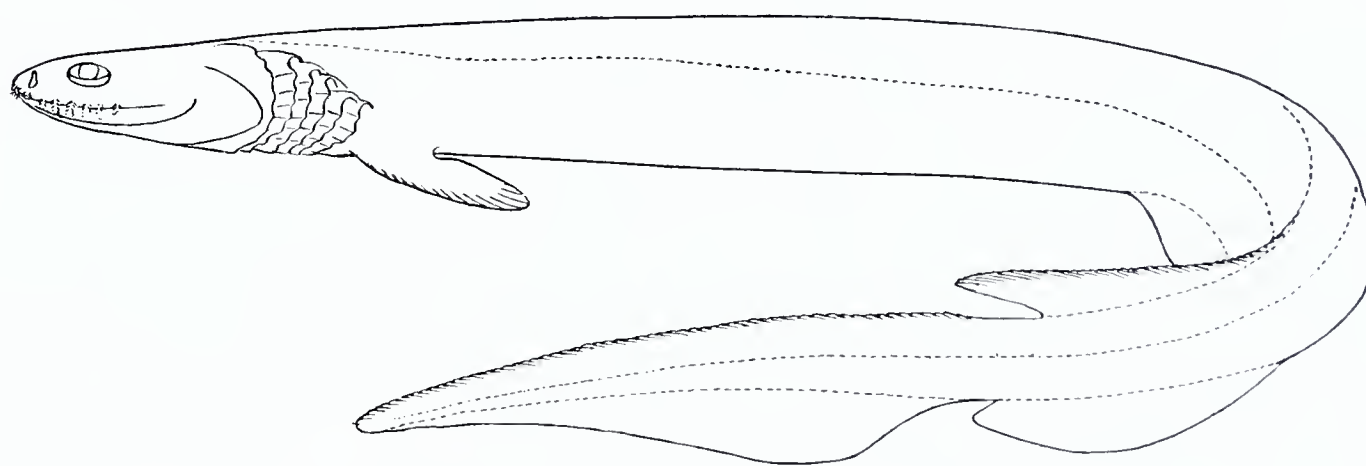
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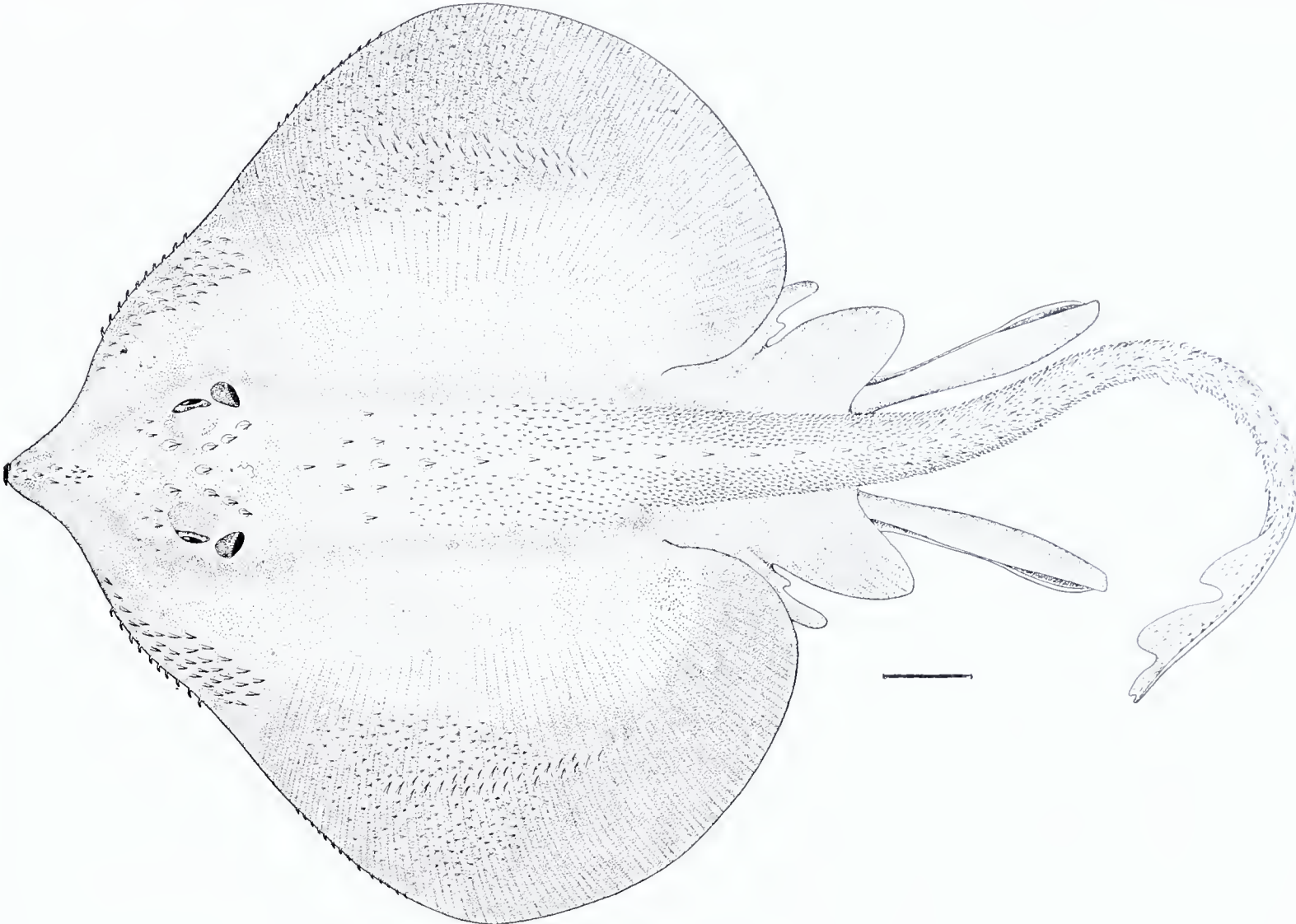


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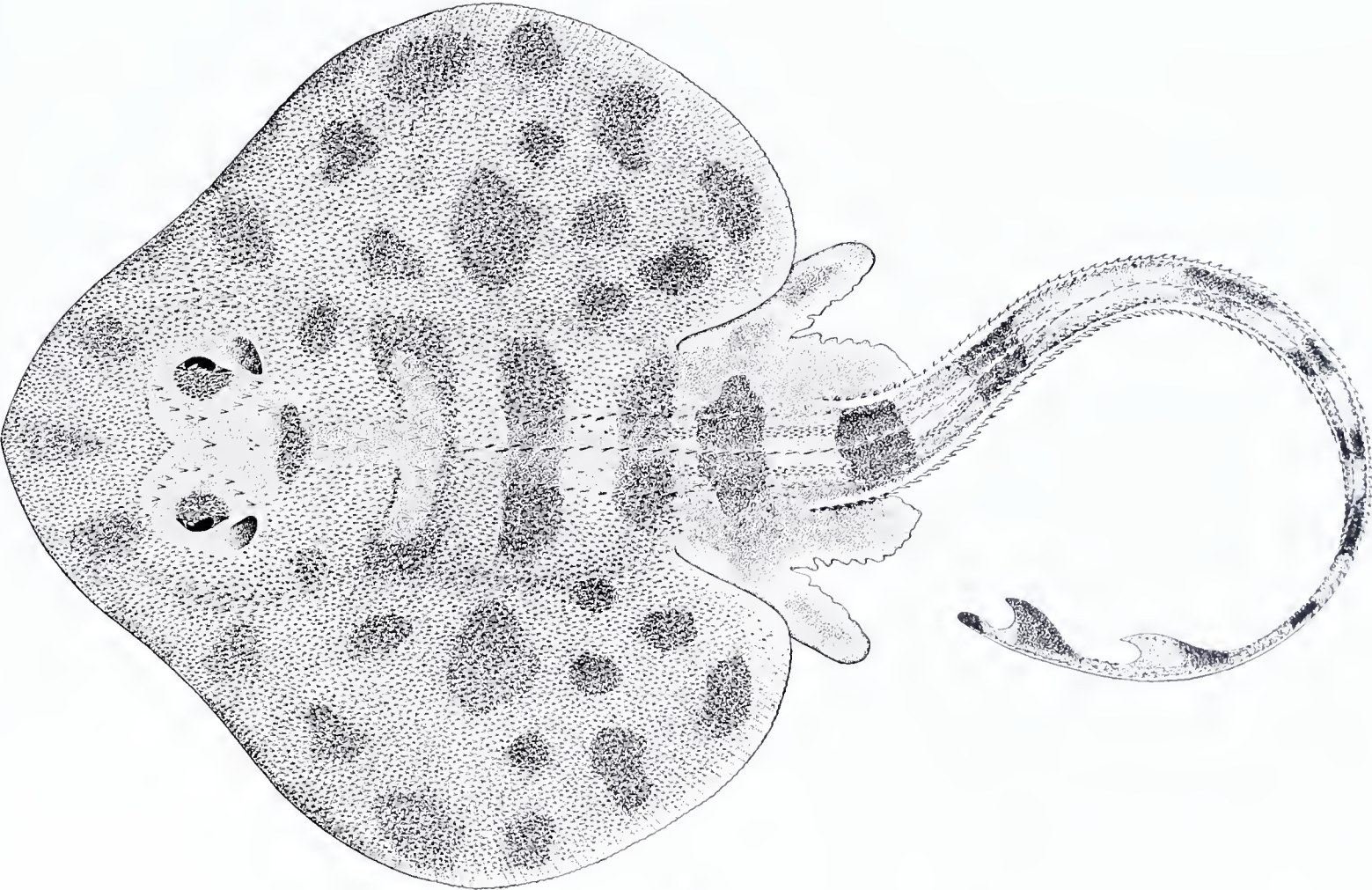
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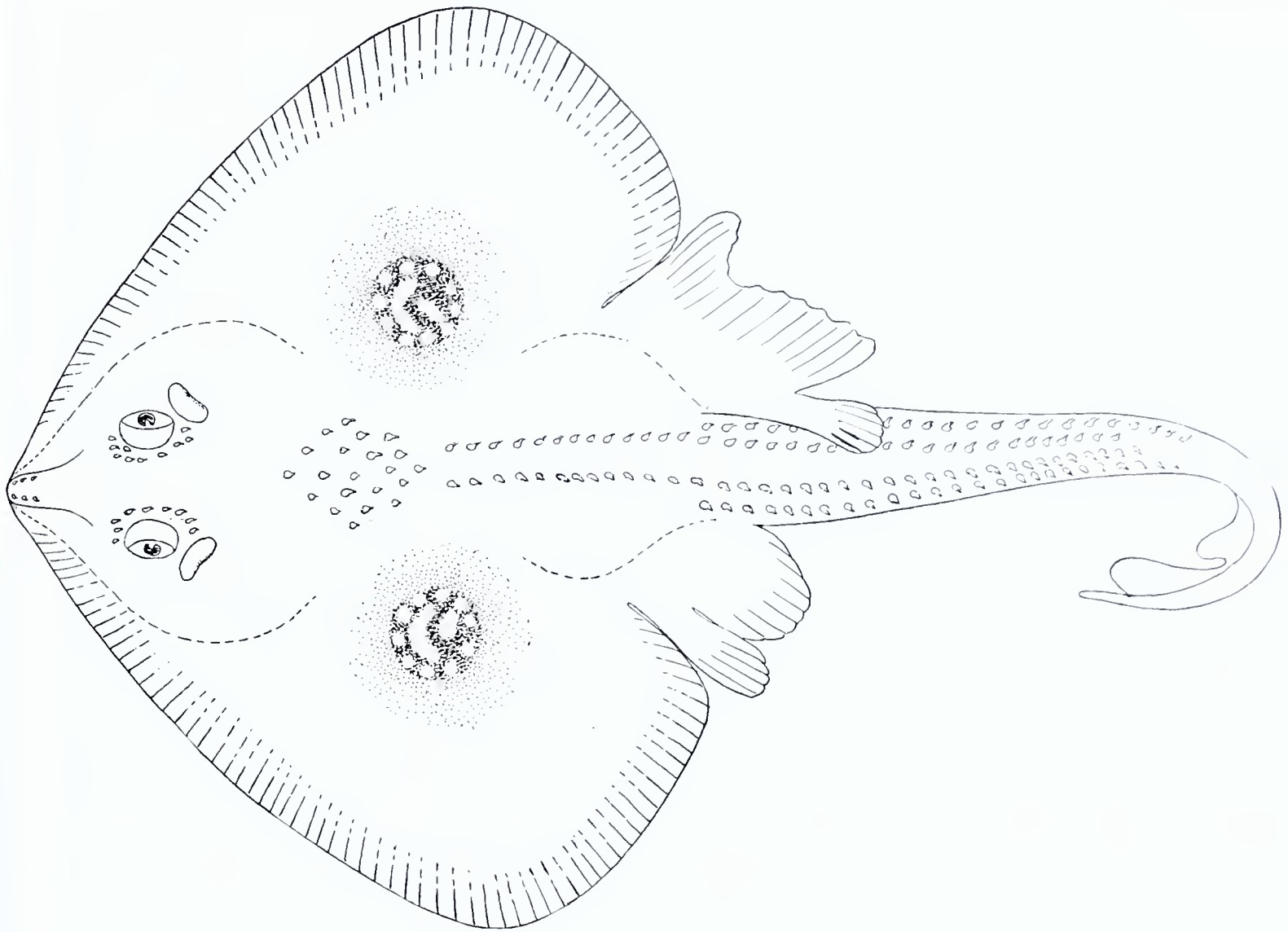
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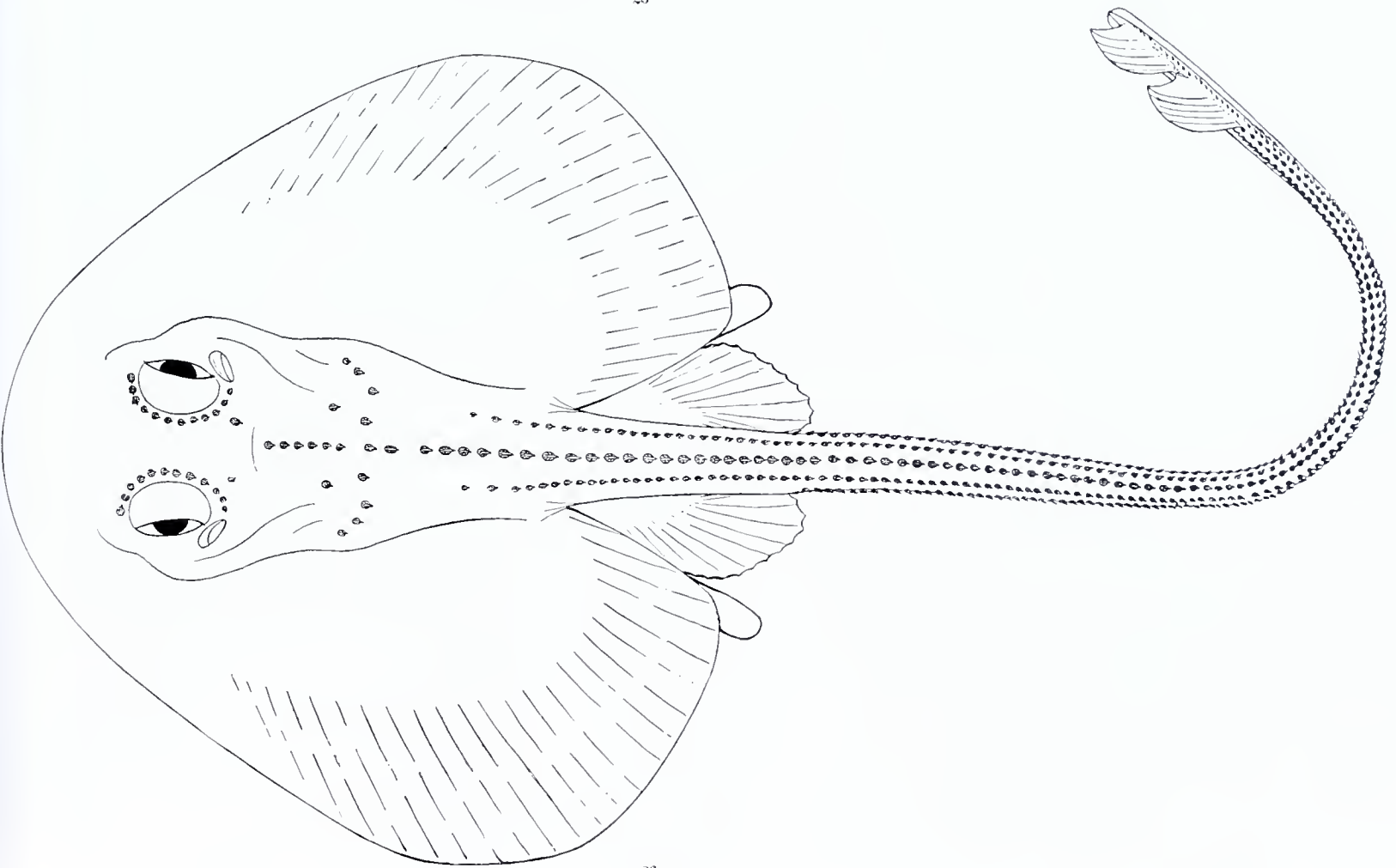
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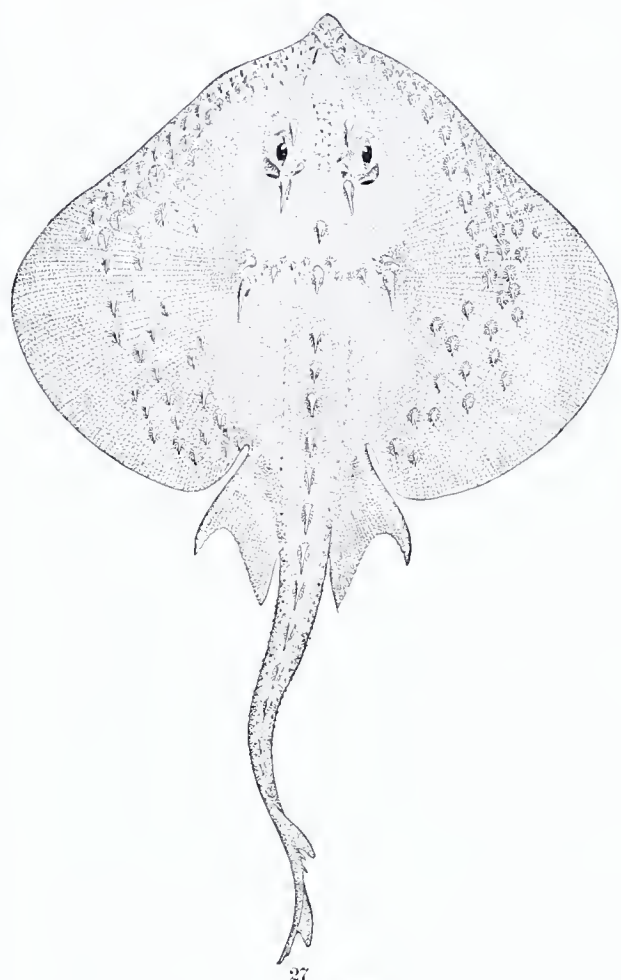
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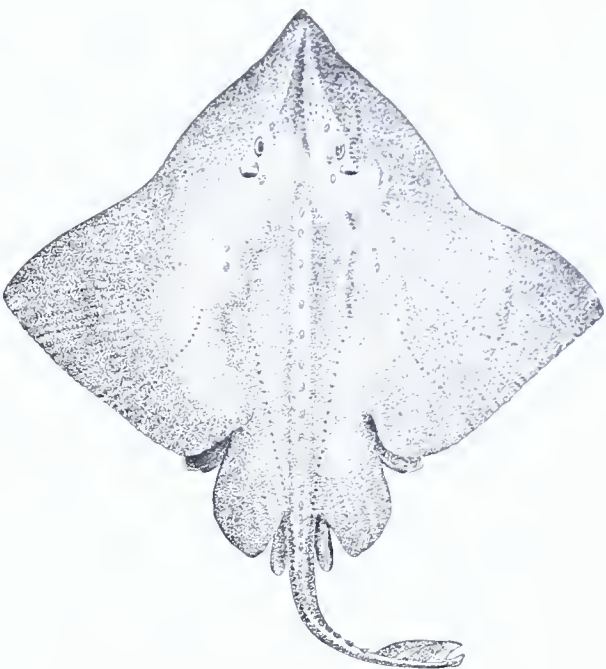
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25. *RAIA CIRCULARIS*. (p. 27.)

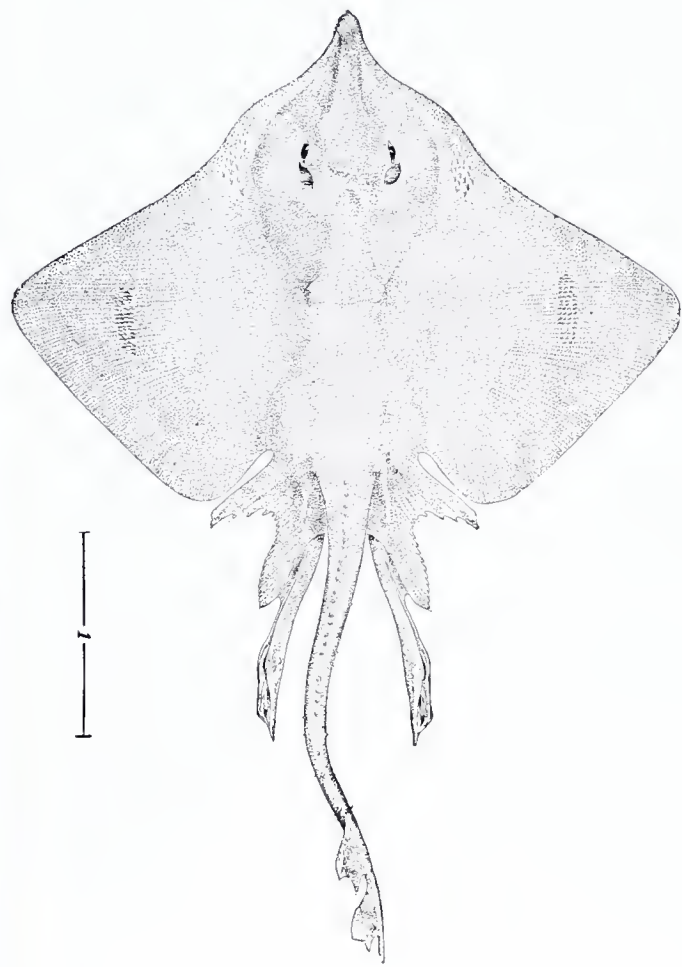
26. *RAIA PLUTONIA*. (p. 27.)



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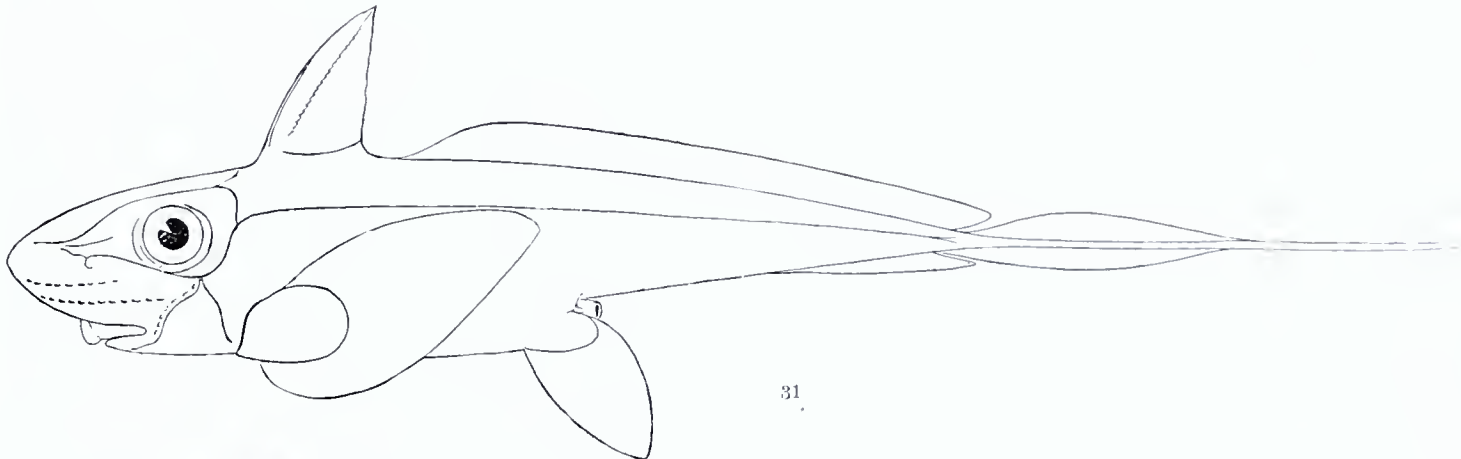
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27. *RAIA RADIATA*. (p. 25.)
29. *RAIA LEVIS*. (p. 28.)

28. *RAIA HYPERBOREA*. (p. 28.)
30. *RAIA GRANULATA*. (p. 29.)



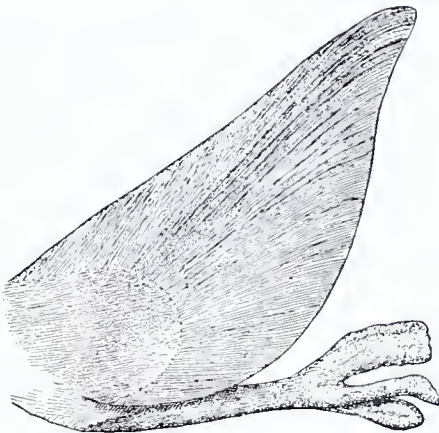
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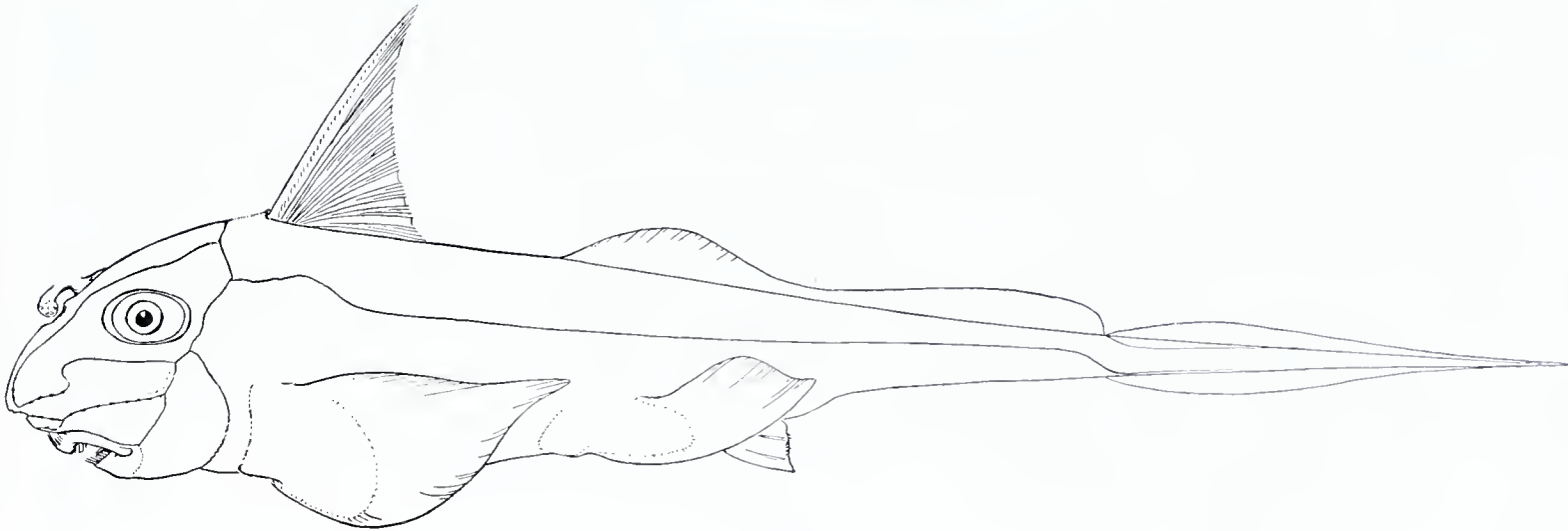
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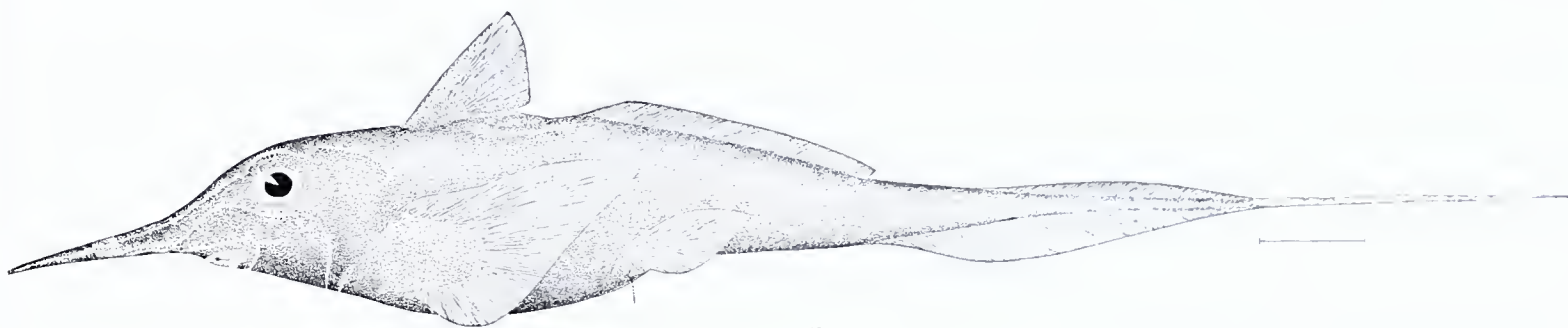
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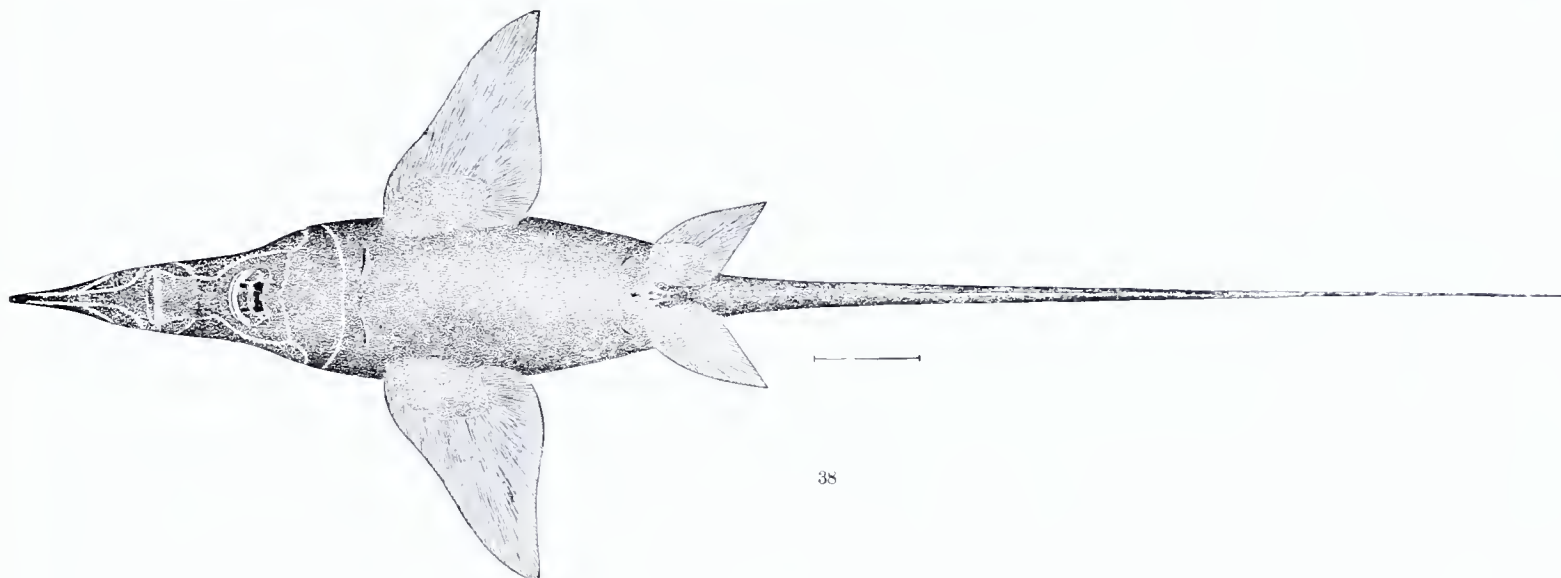
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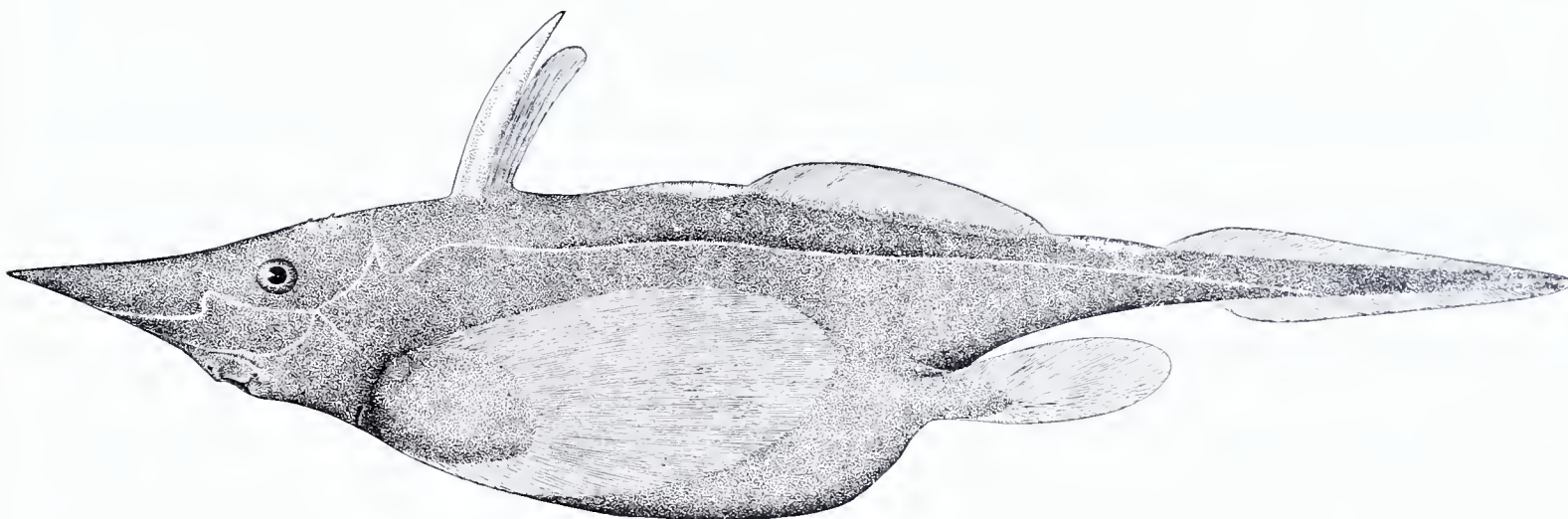
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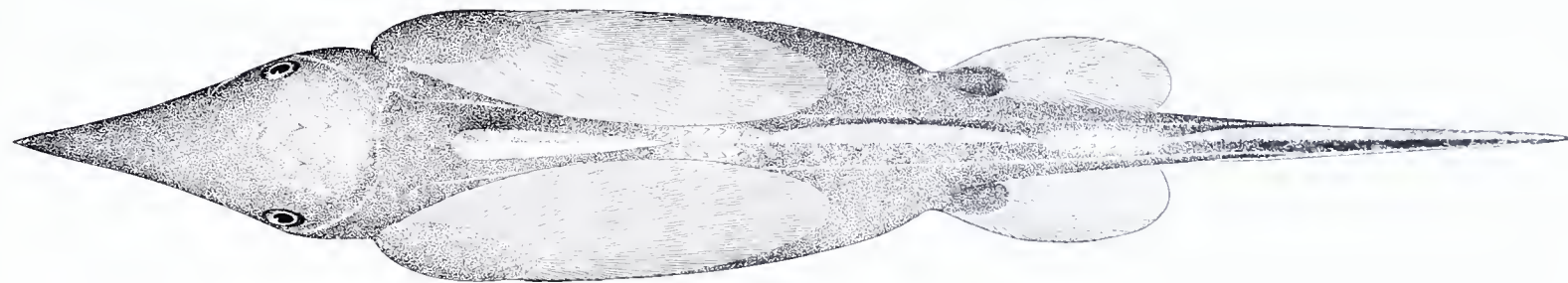
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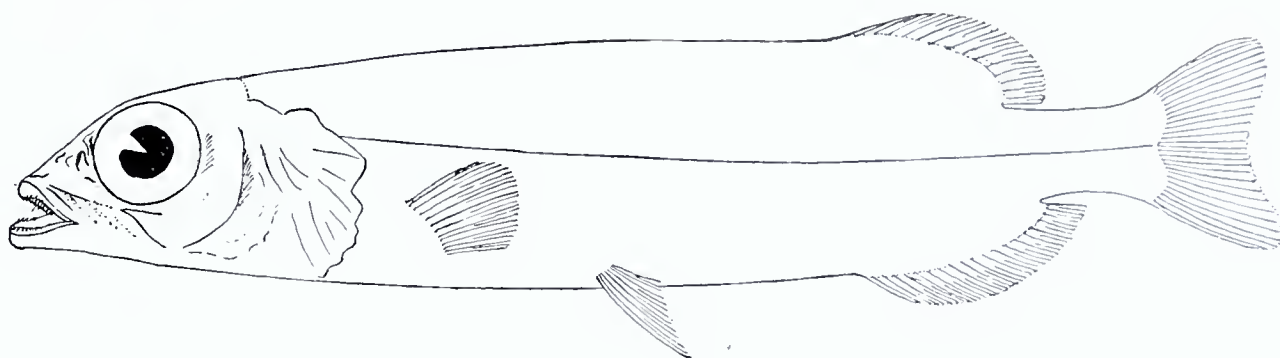
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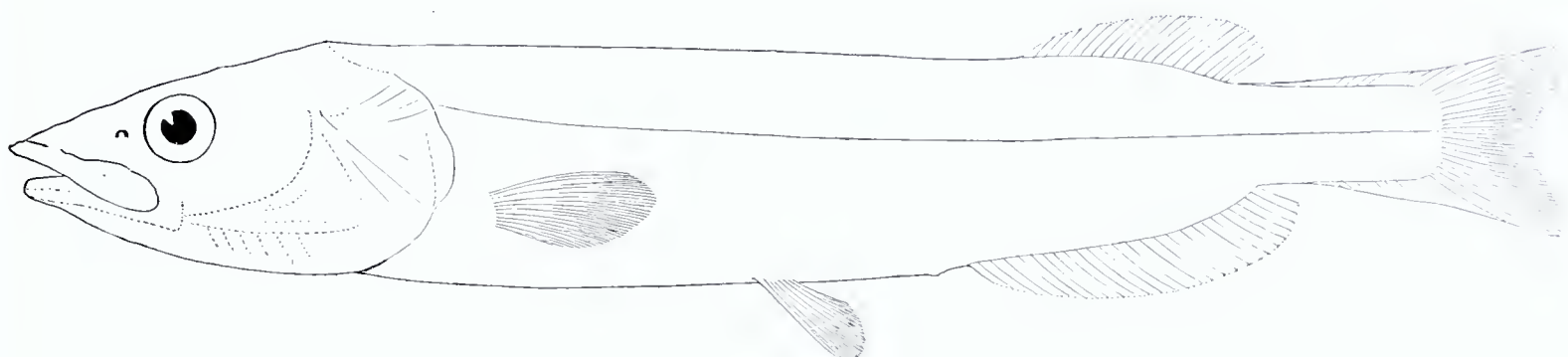
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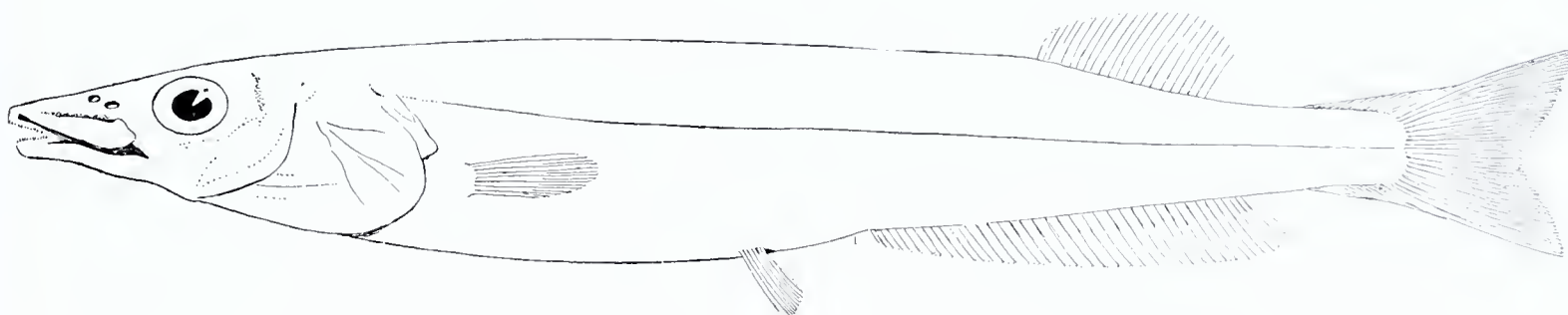
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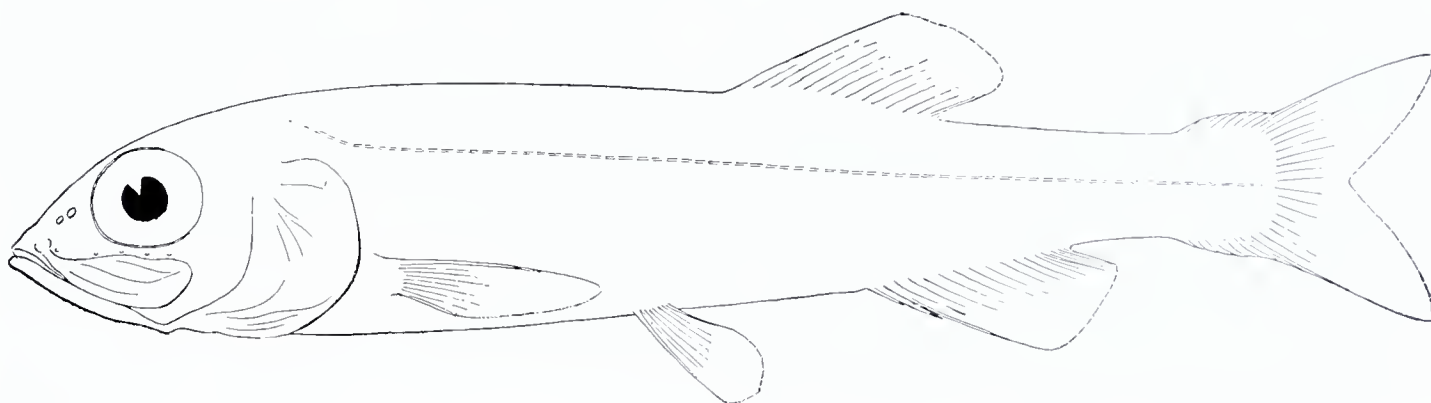
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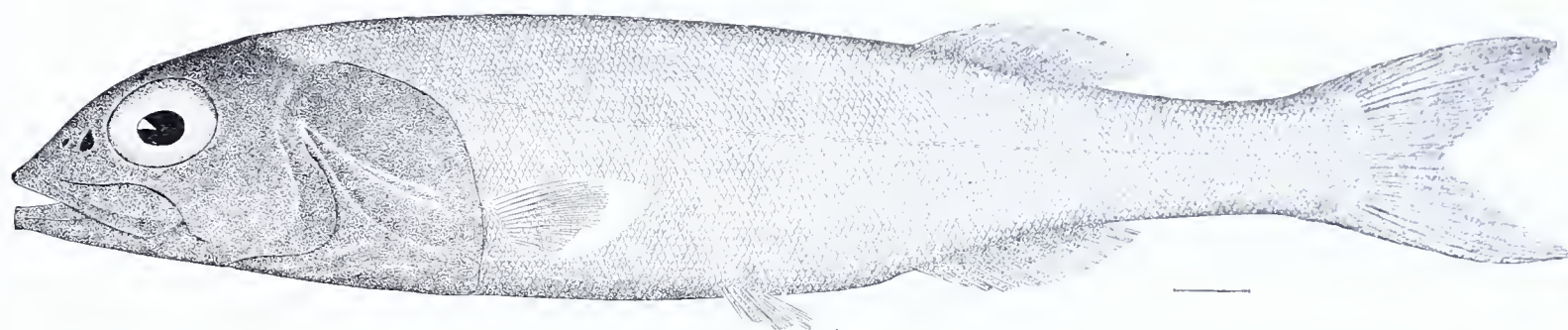
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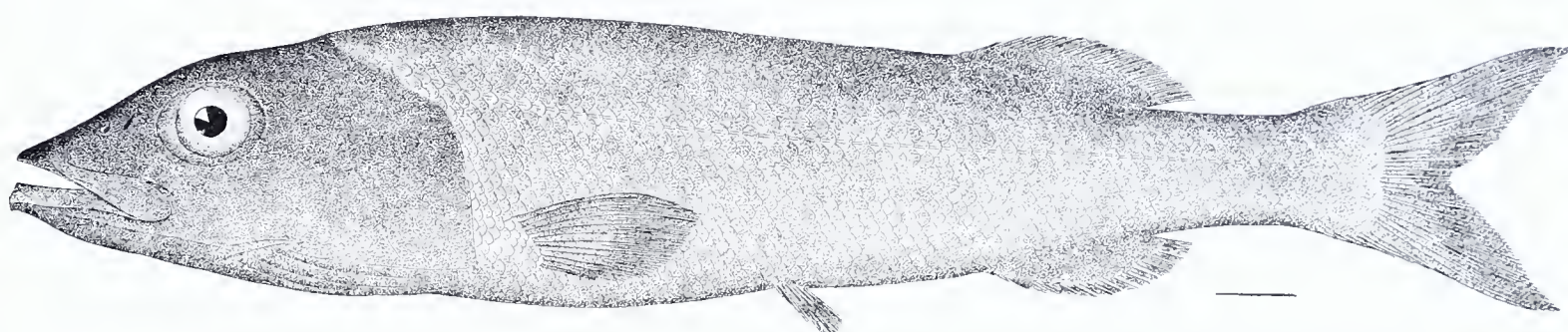
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41. ALEPOCEPHALUS ROSTRATUS. (p. 36.)
43. CONOCARA MACROPTERA. (p. 39.)

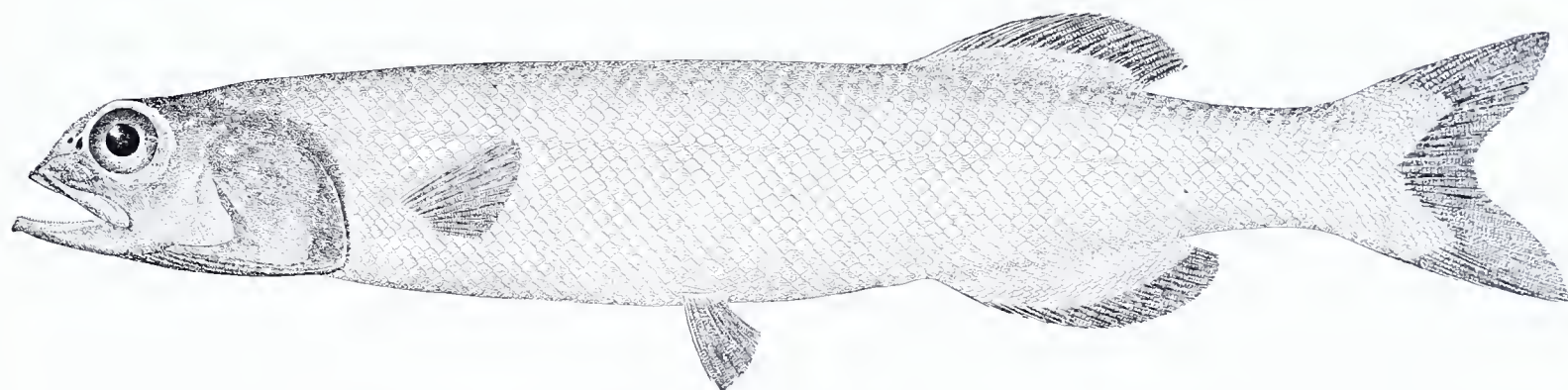
42. ALEPOCEPHALUS NIGER. (p. 38.)
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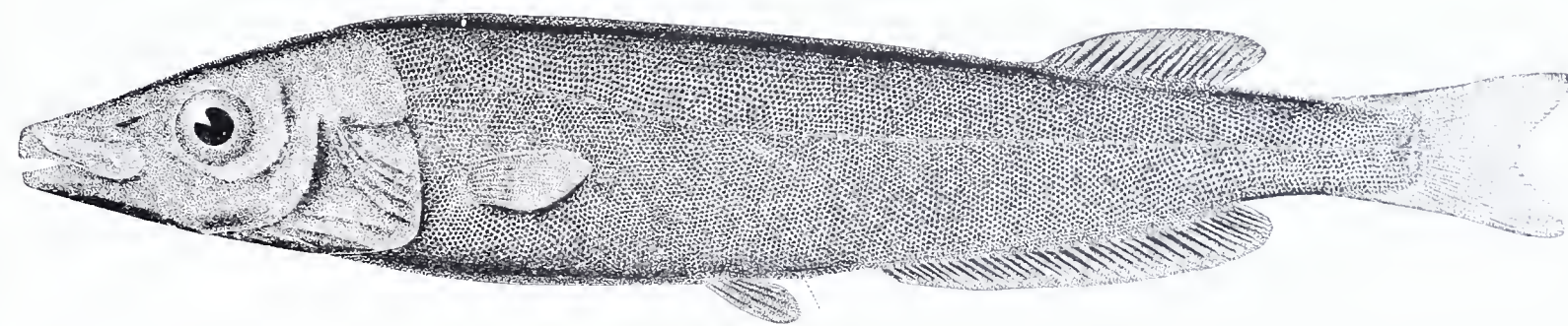
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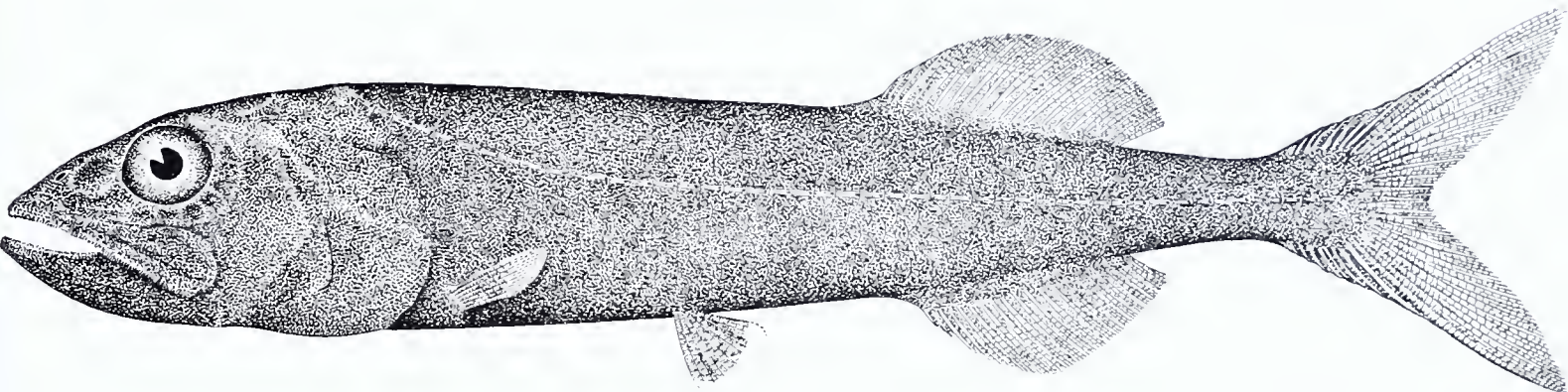
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46. ALEPOCEPHALUS PRODUCTUS. (p. 37.)
48. CONOCARA McDONALDI. (p. 39.)



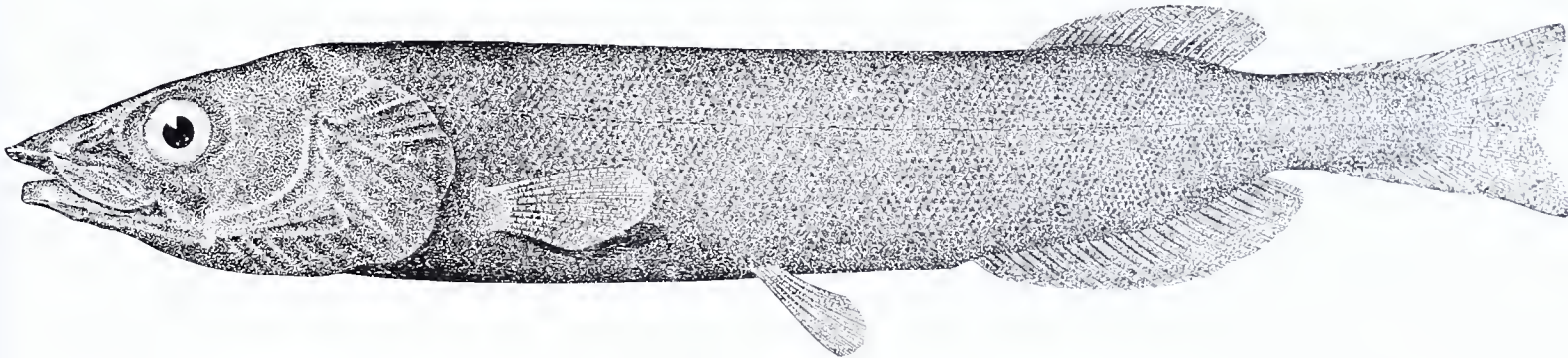
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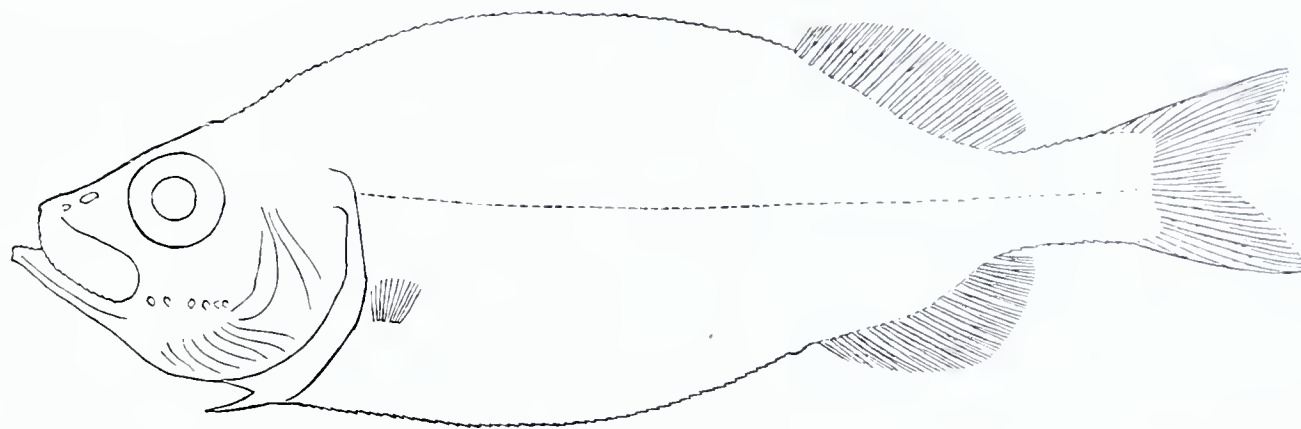
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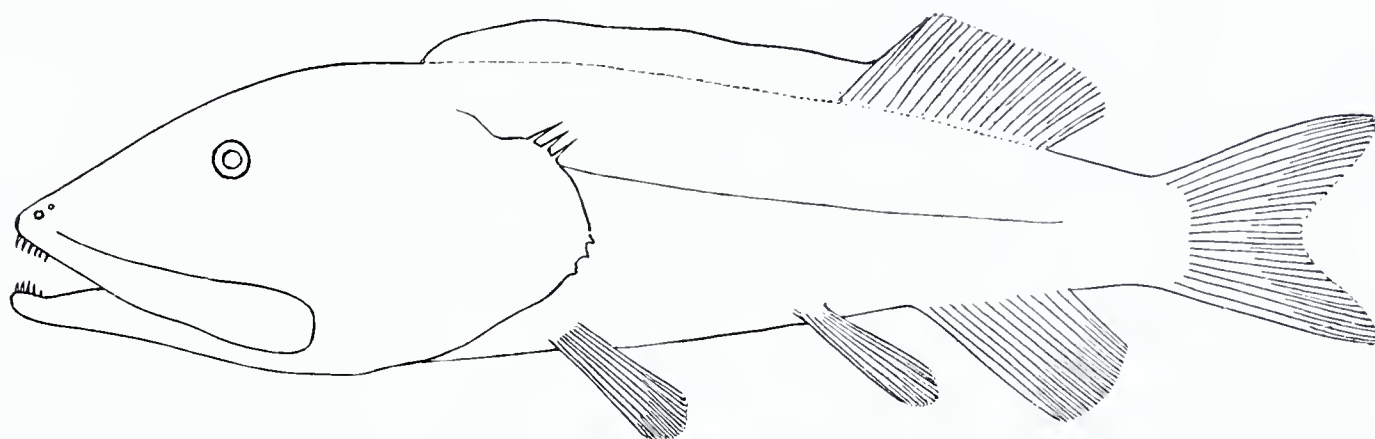
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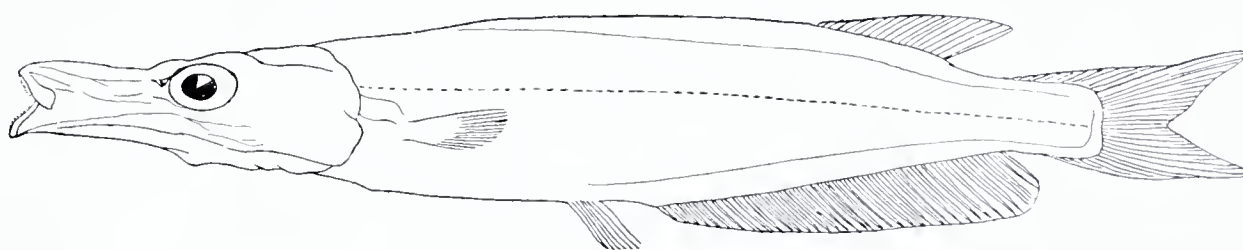
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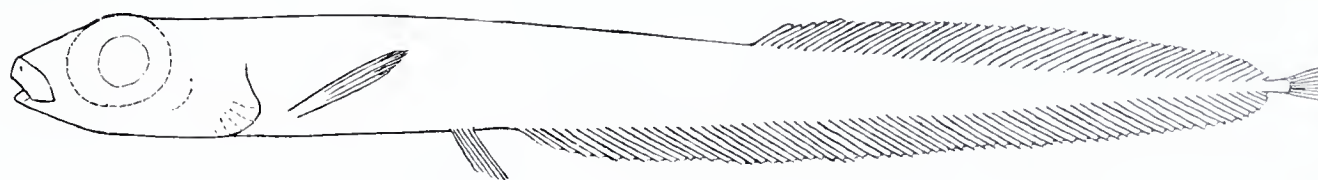
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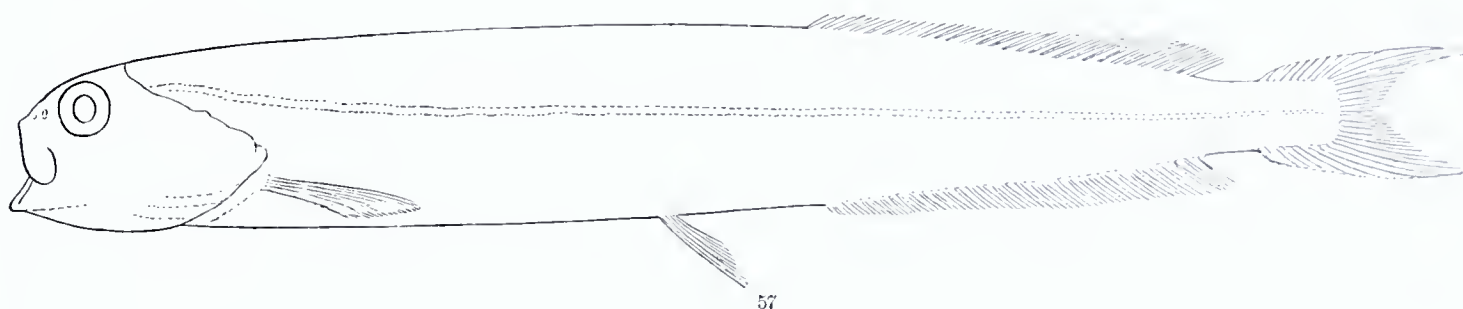
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53. *PLATYTRICHES APUS*. (p. 46.)

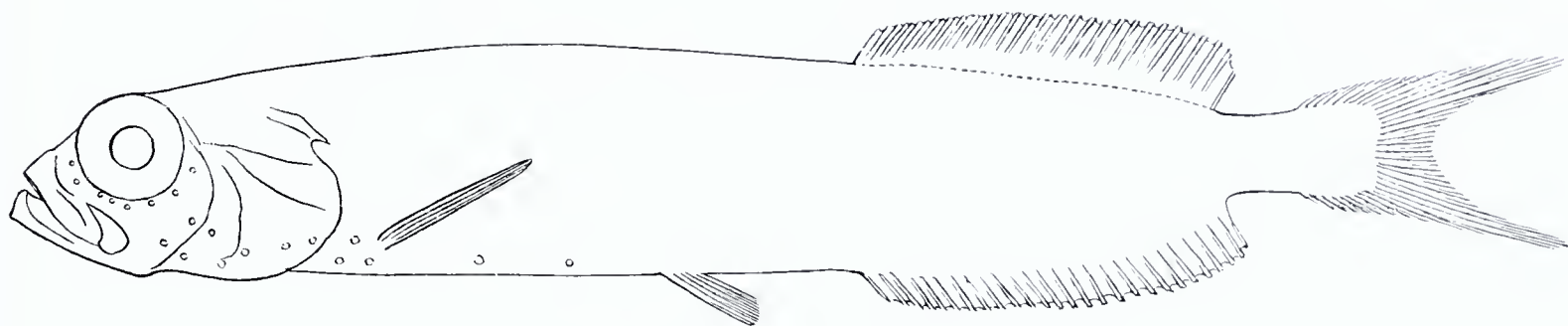
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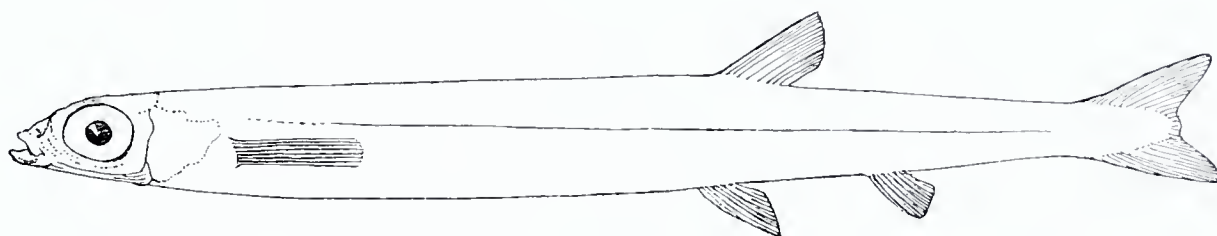
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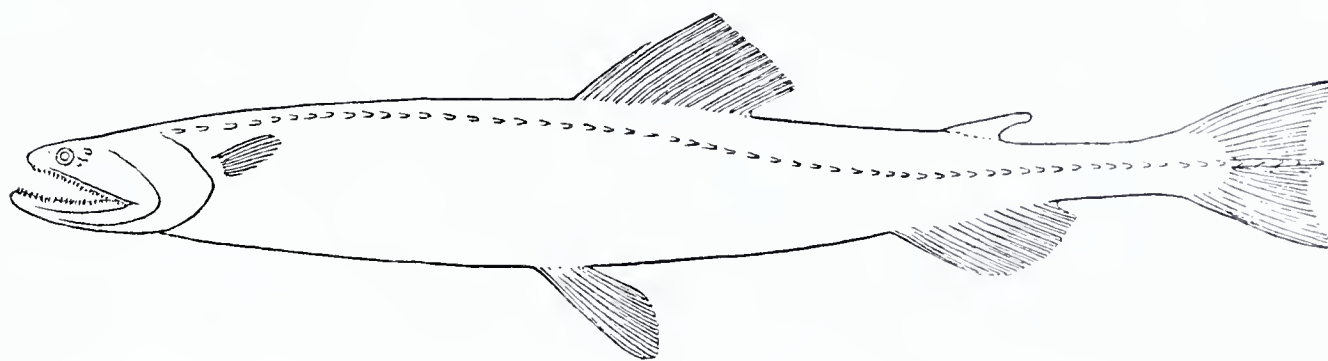
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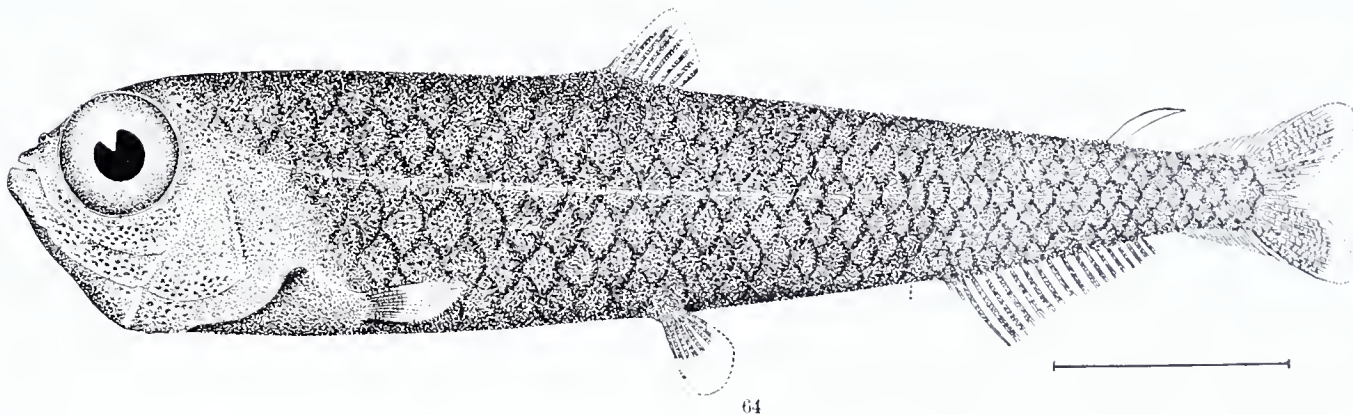
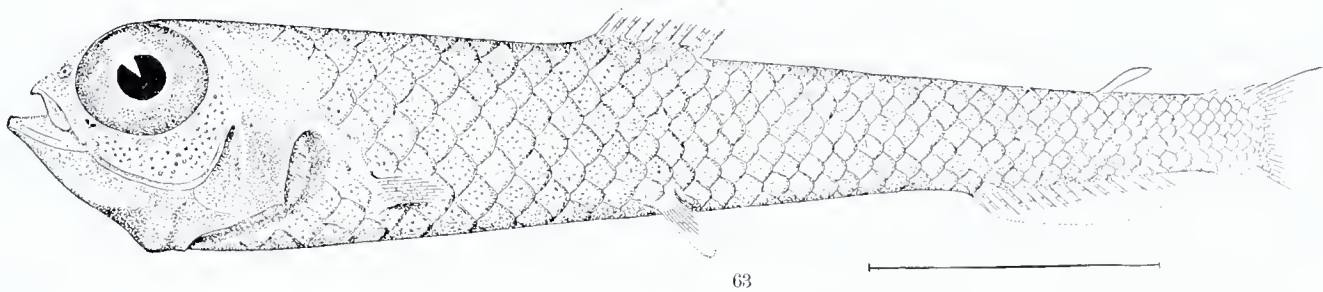
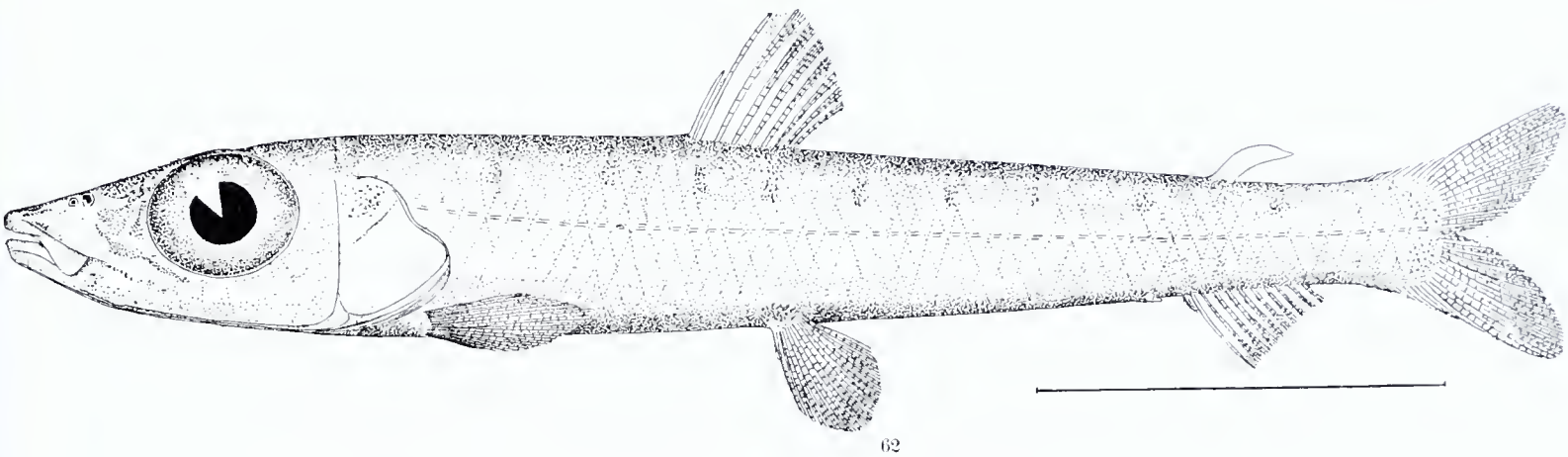
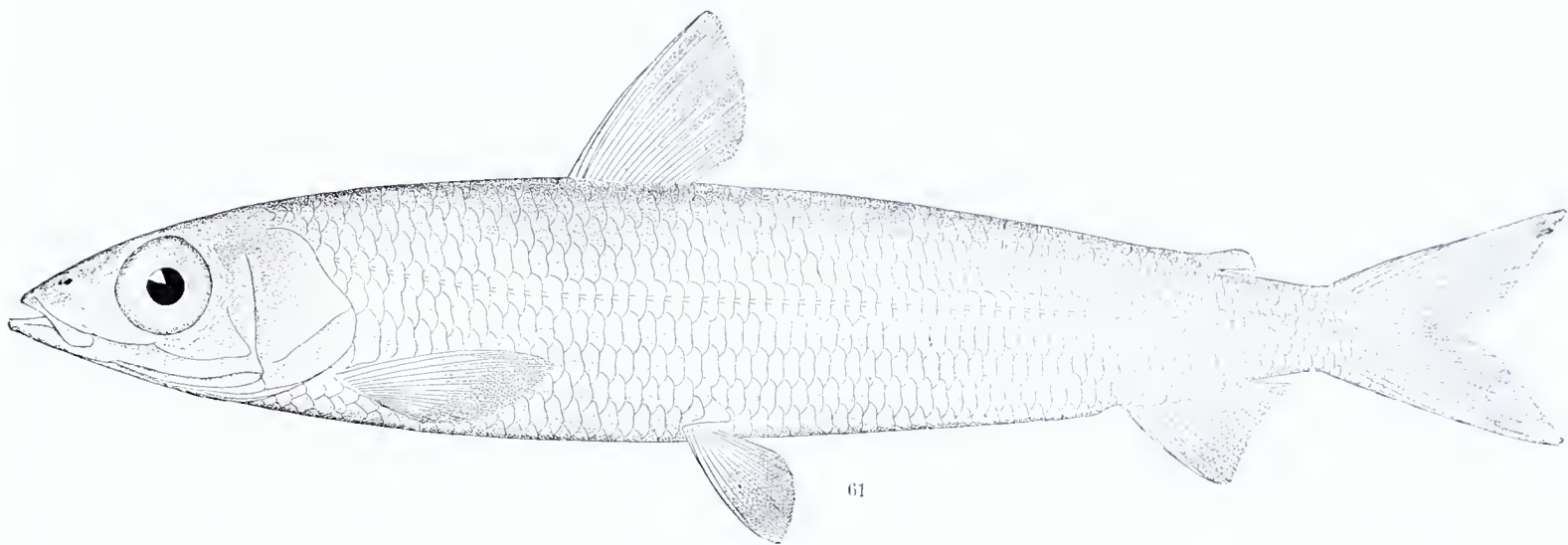
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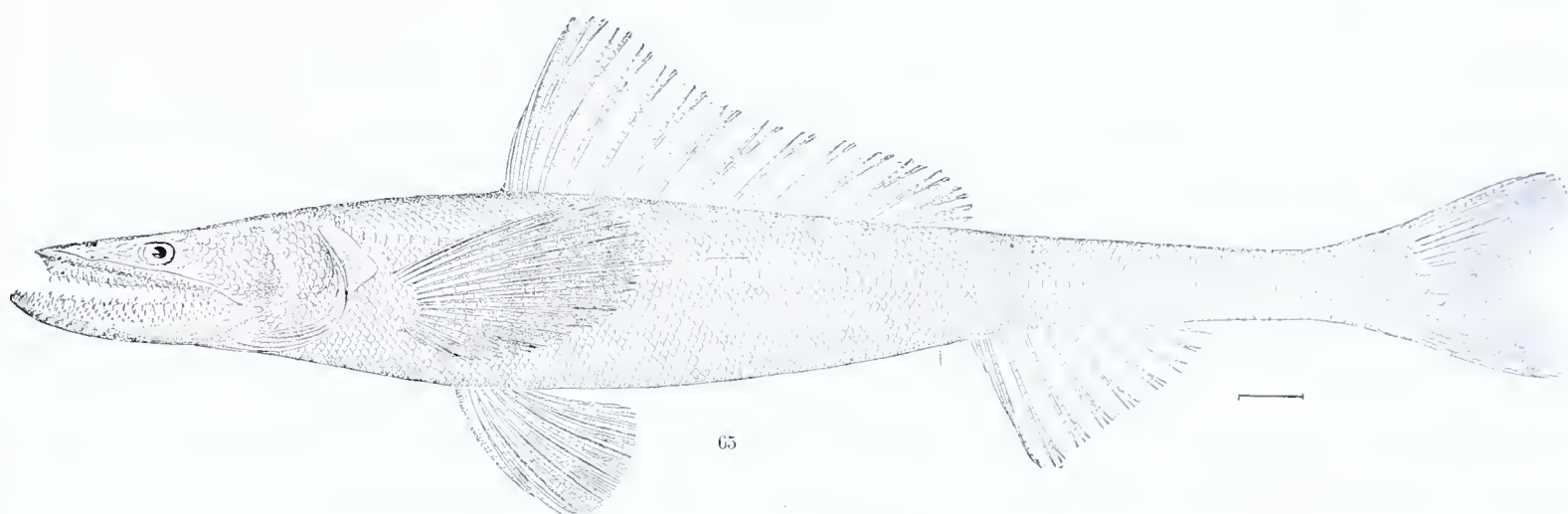
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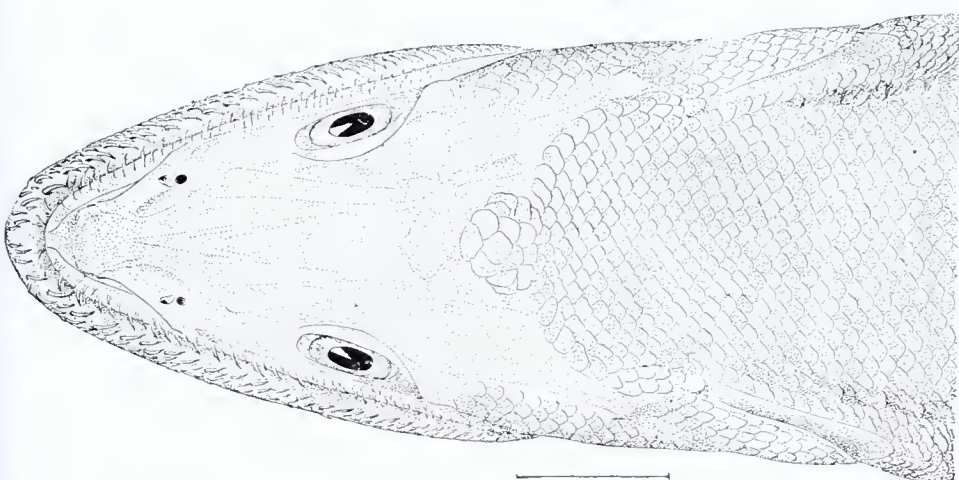


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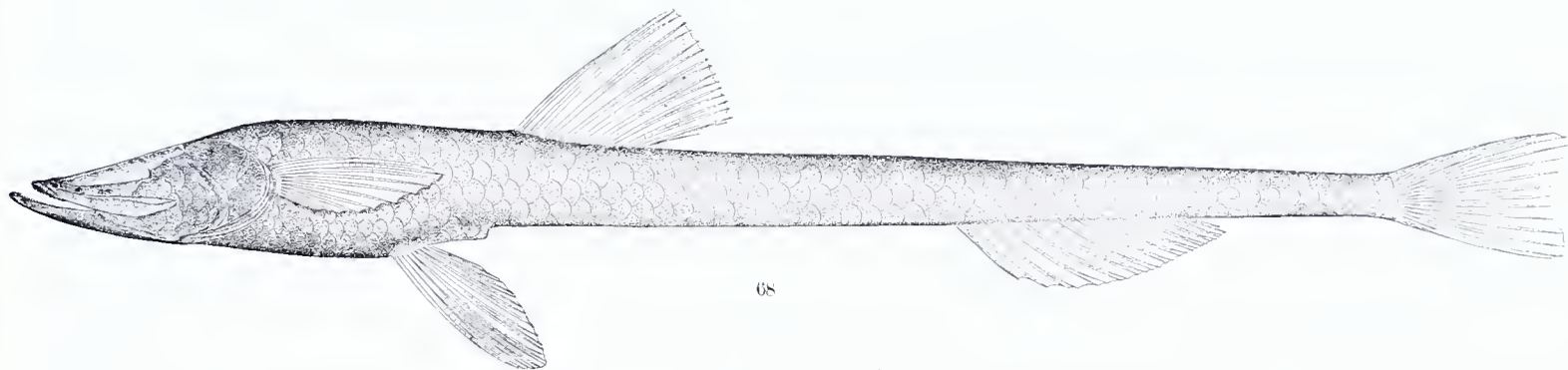
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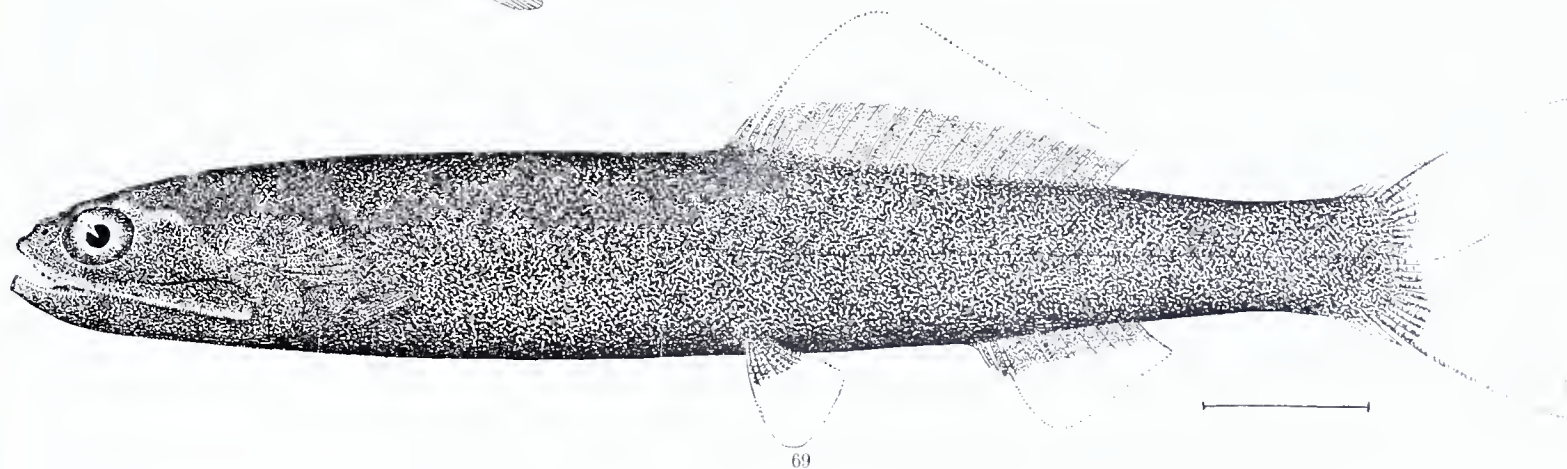
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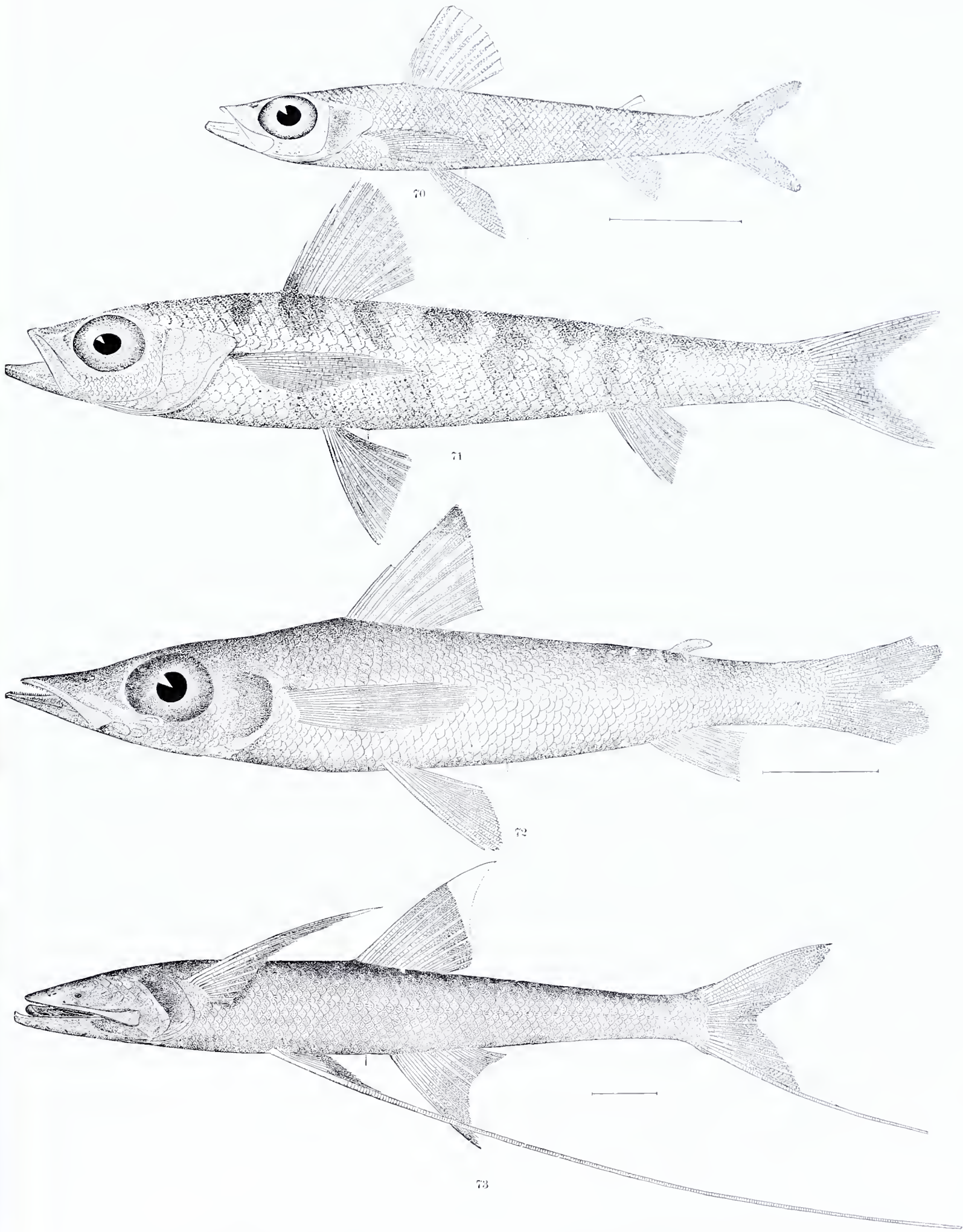


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65, 66. BATHYSAURUS FEROX. (p. 58.)

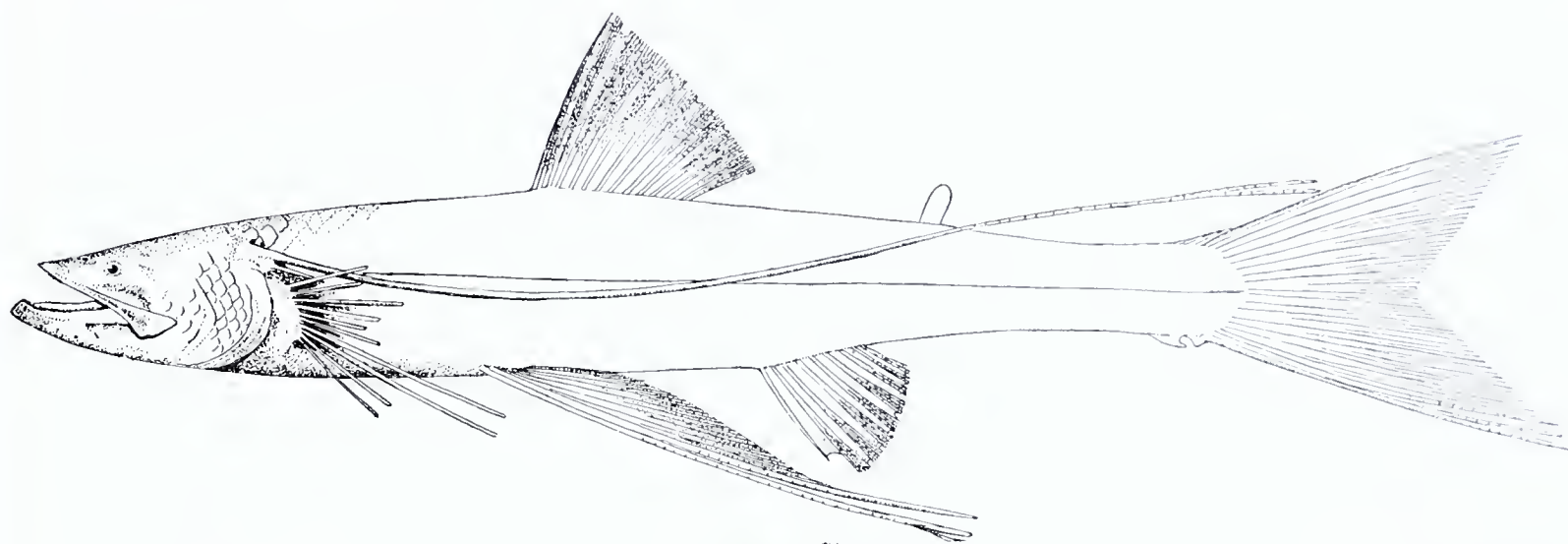
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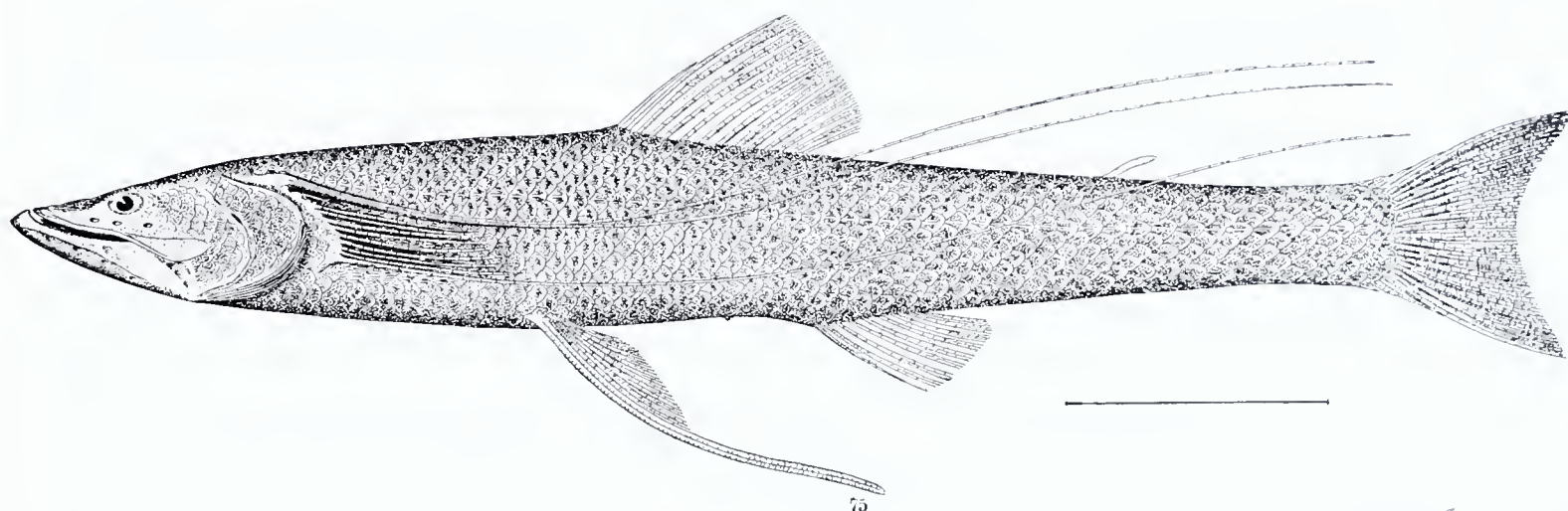


70. CHLOROPHTHALMUS AGASSIZII. (p. 60.)
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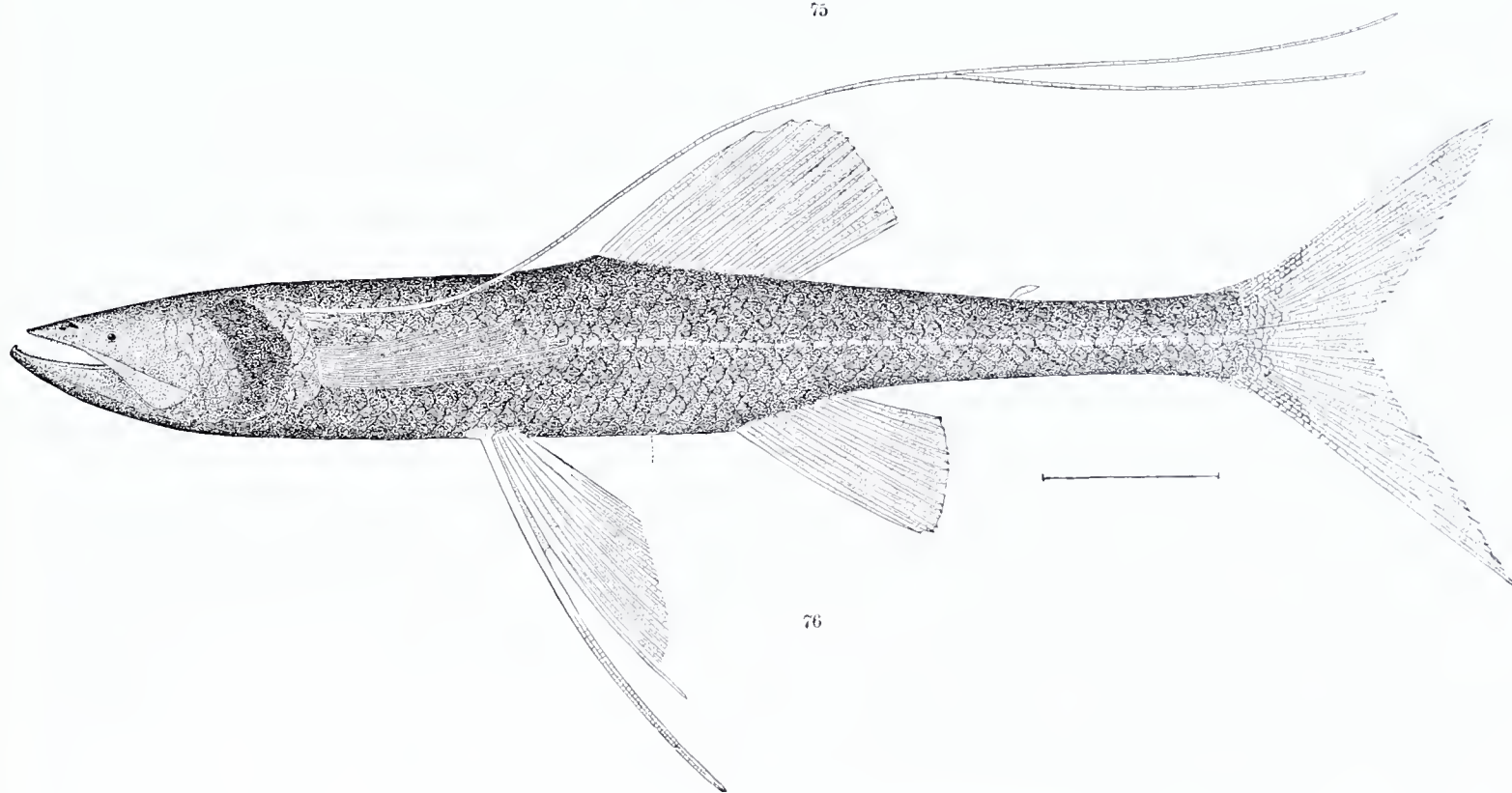
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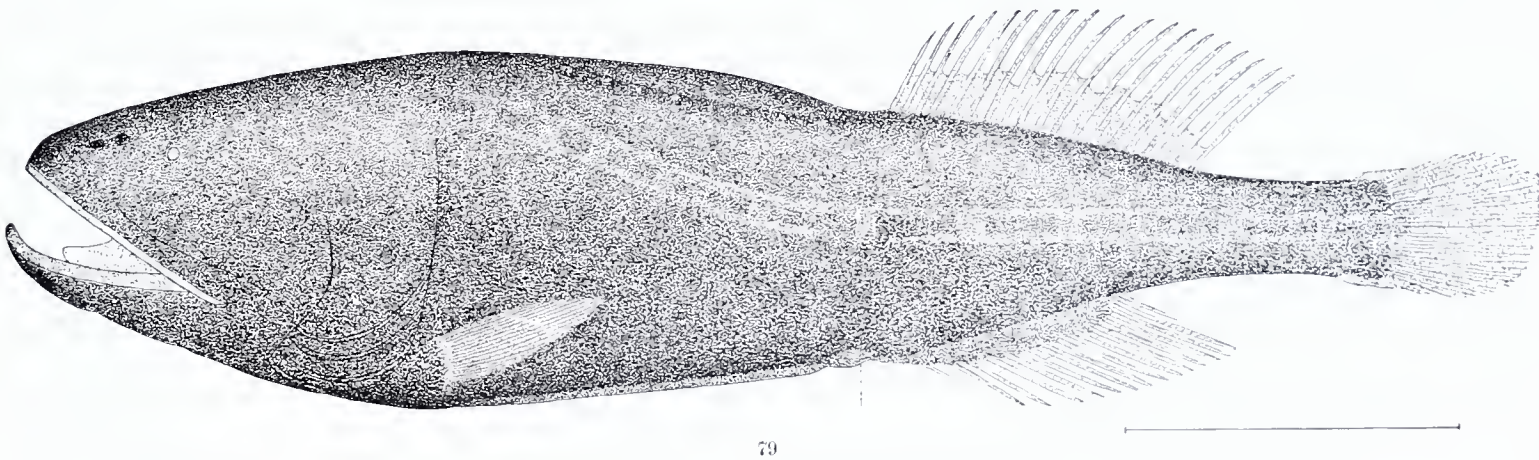
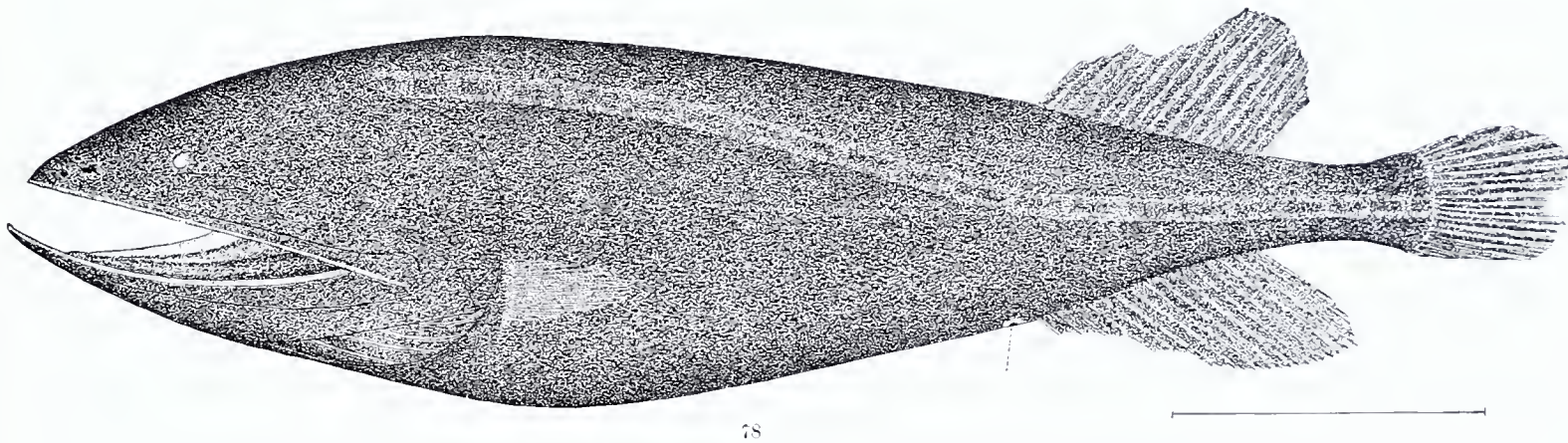
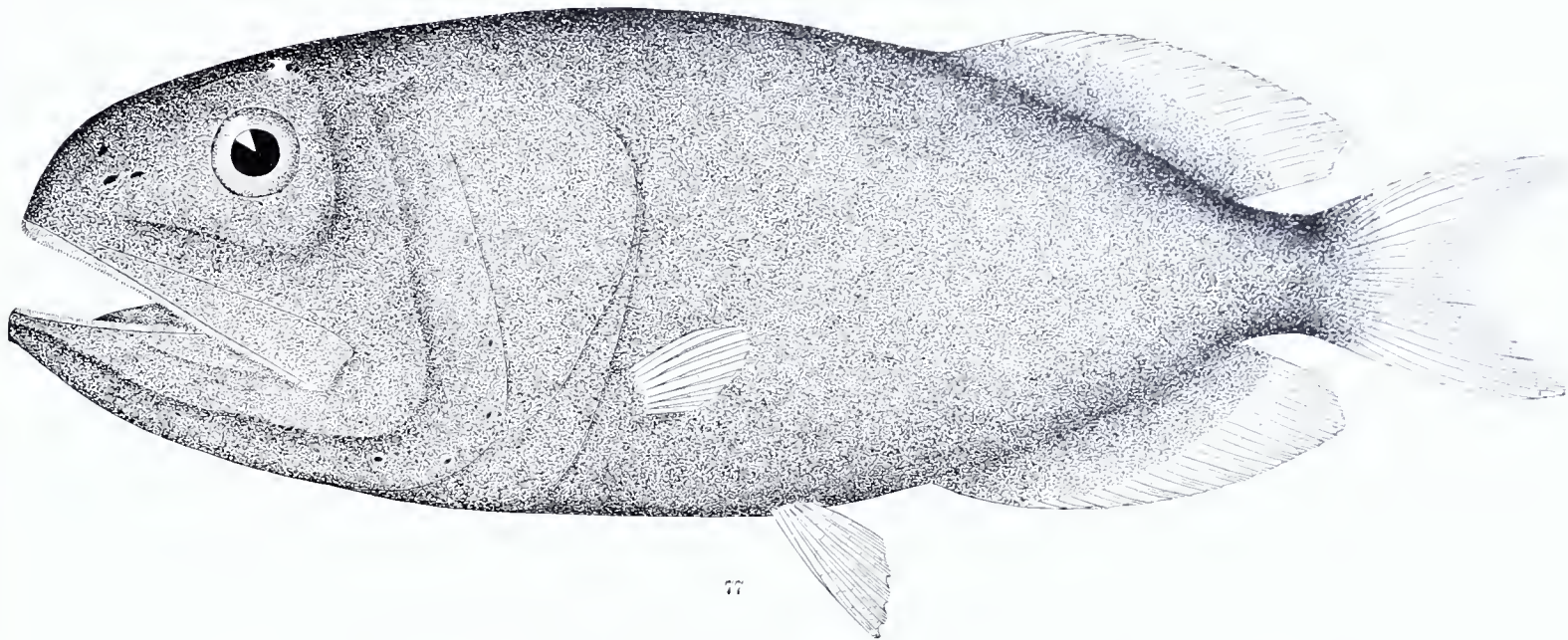


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74. BATHYPTEROIS DUBIUS. (p. 64.)

75. BATHYPTEROIS QUADRIFILIS. (p. 65.)

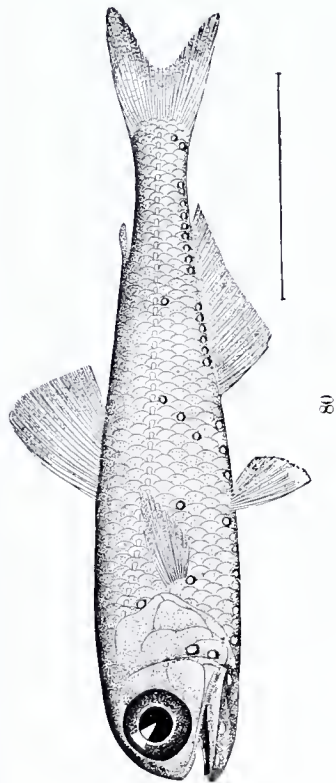
76. BATHYPTEROIS LONGIPES. (p. 66.)



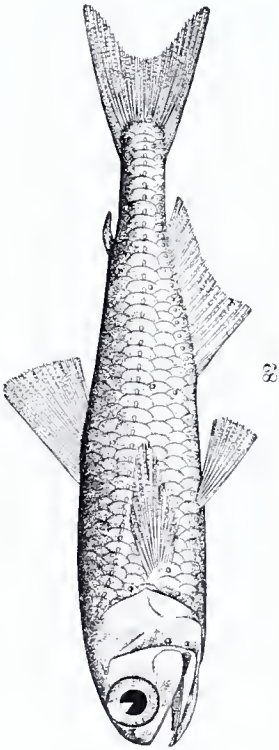
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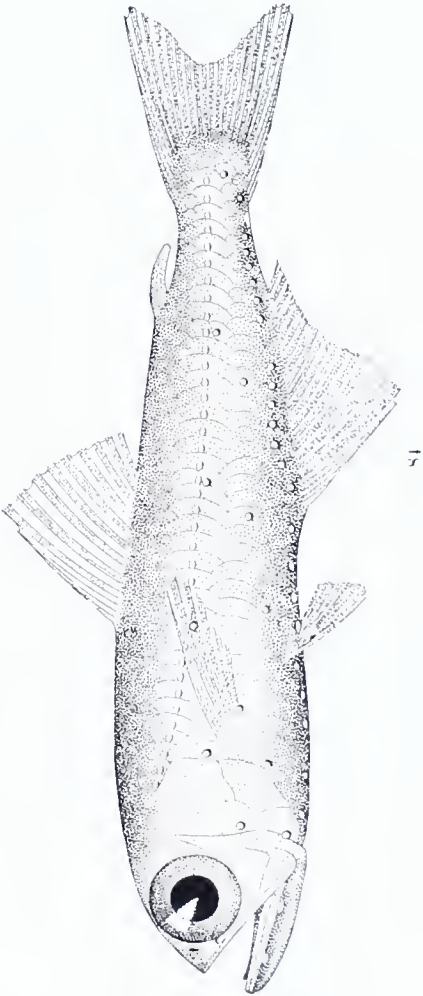
79. CETOMIMUS STORERI. (p. 69.)



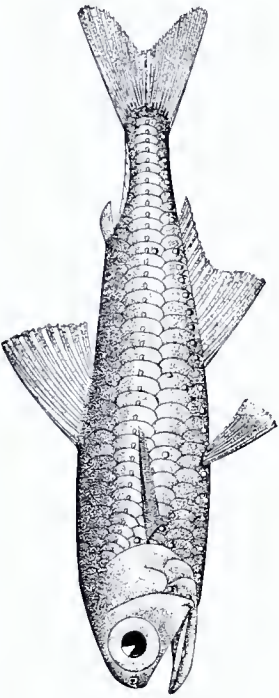
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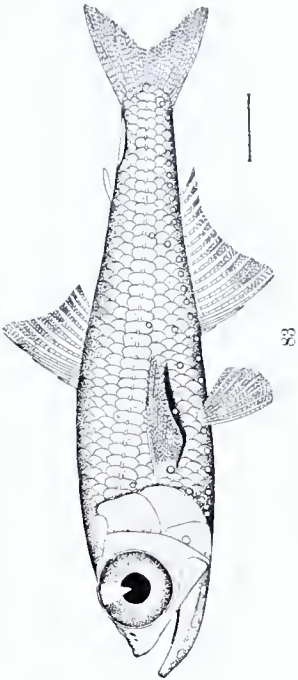
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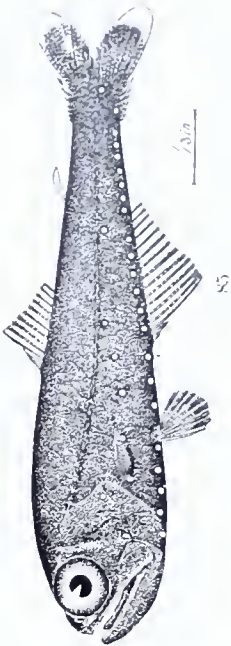
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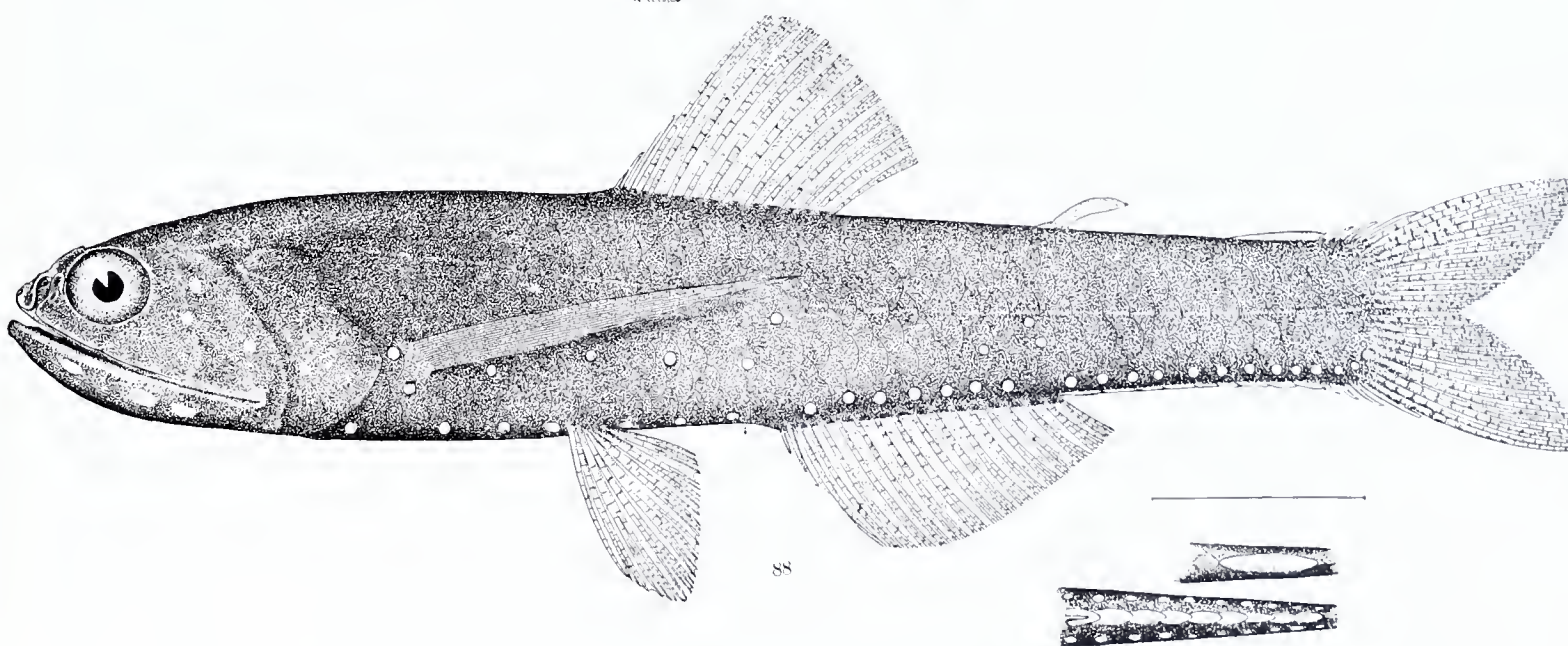
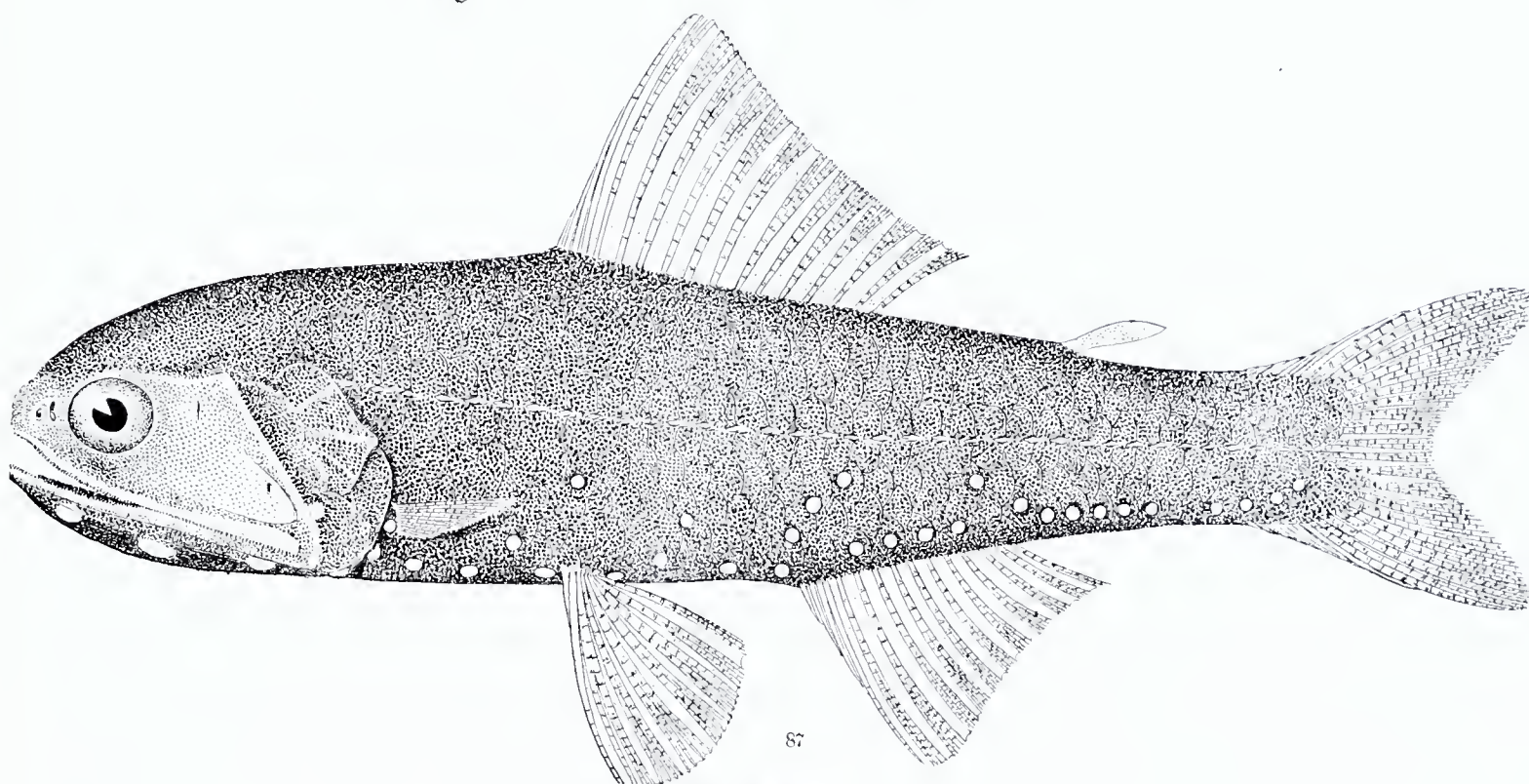
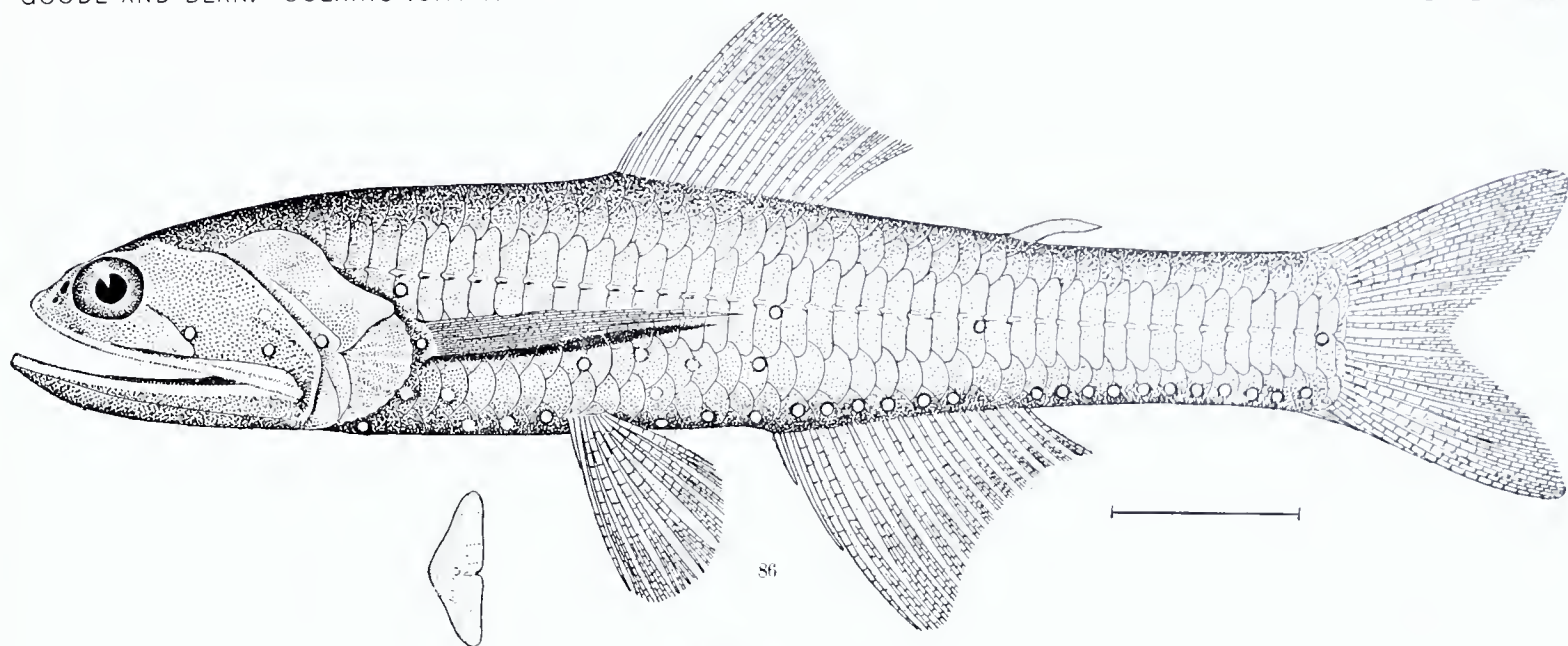
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81. MYXOTRICHUM OPALINUM. (p. 72.)
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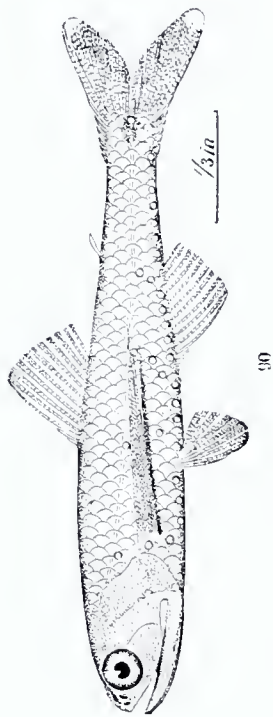
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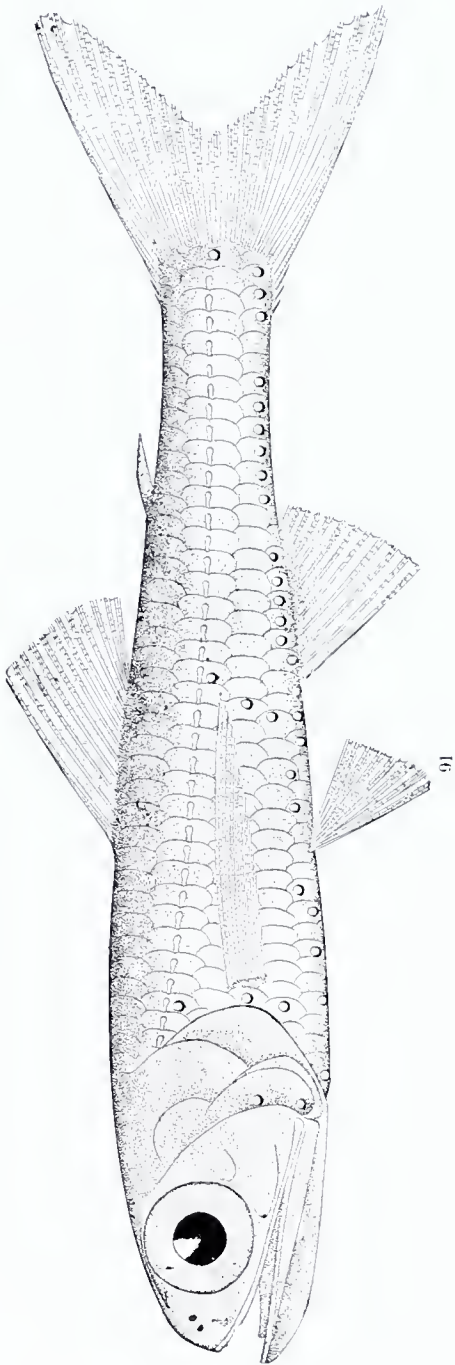
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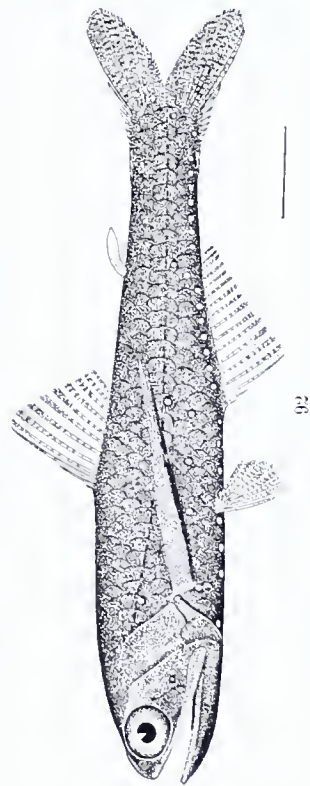
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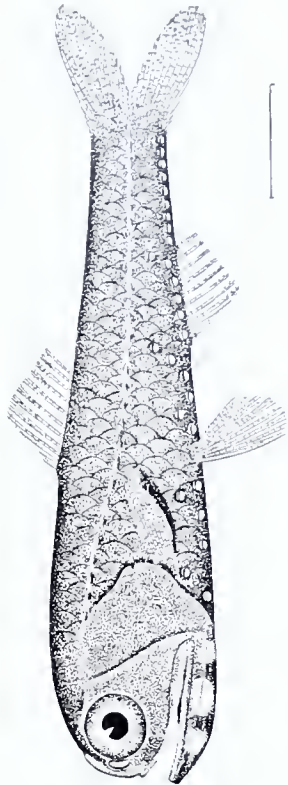
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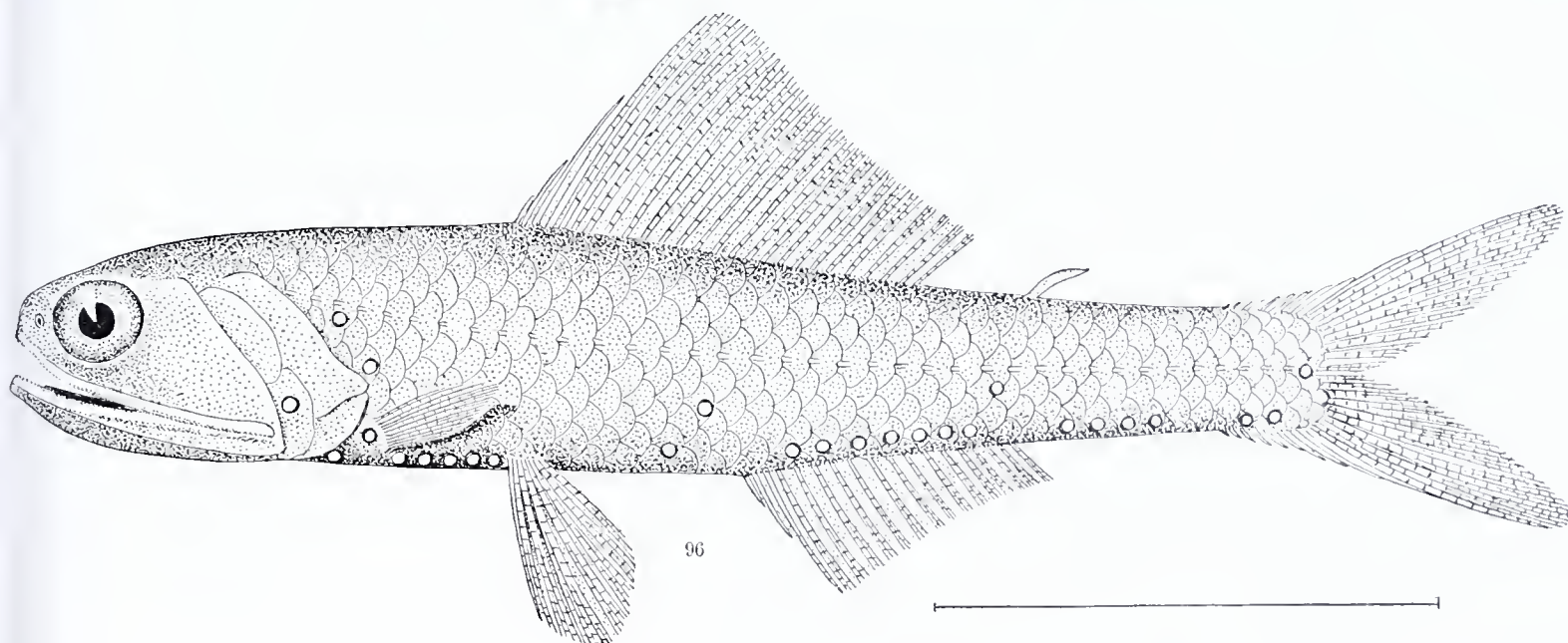
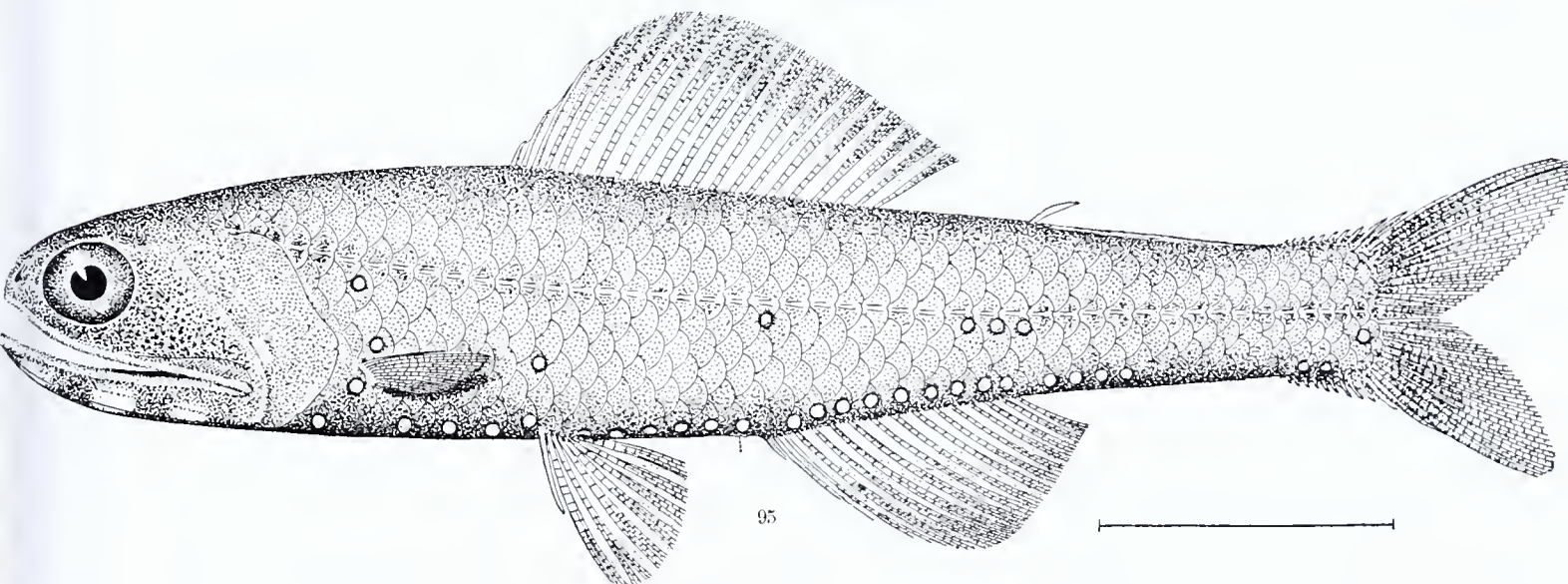
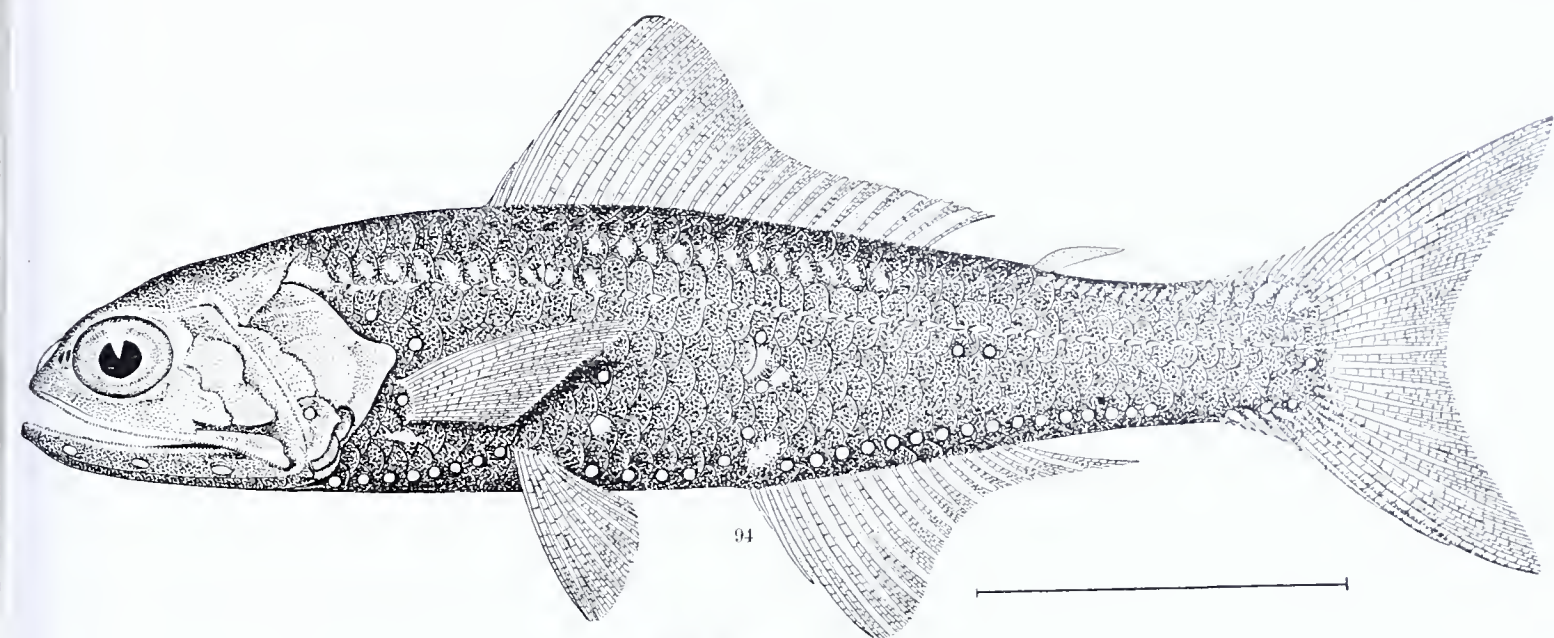


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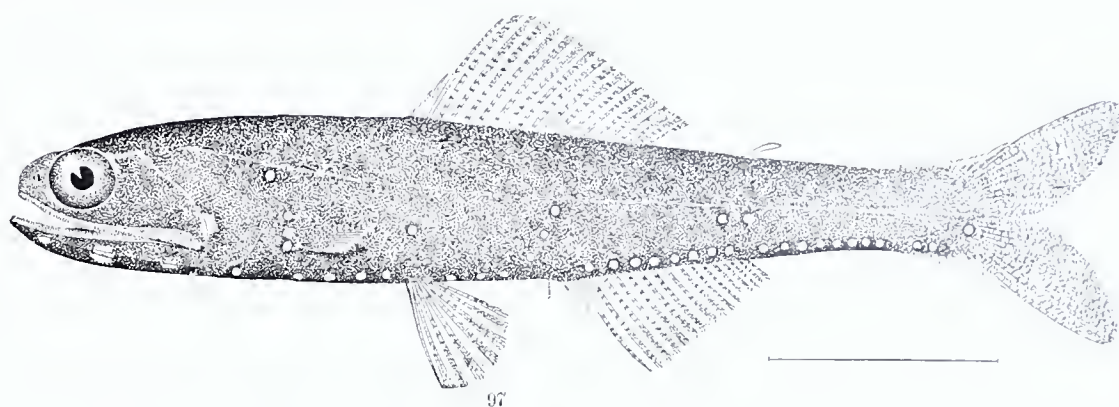
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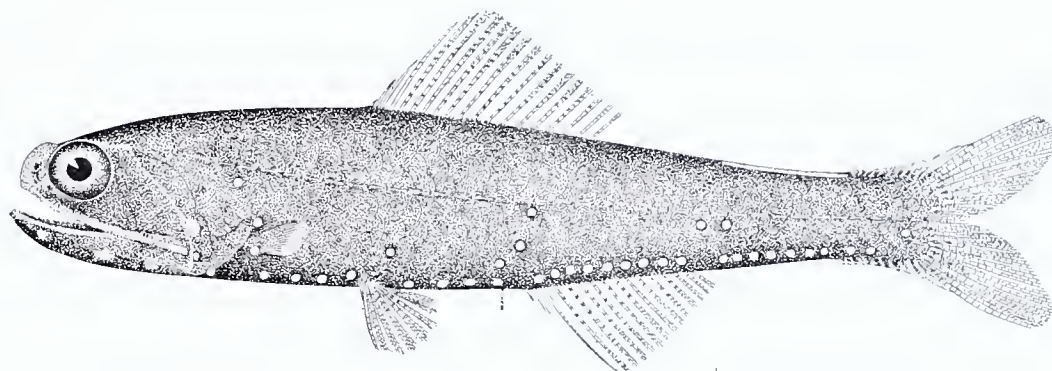
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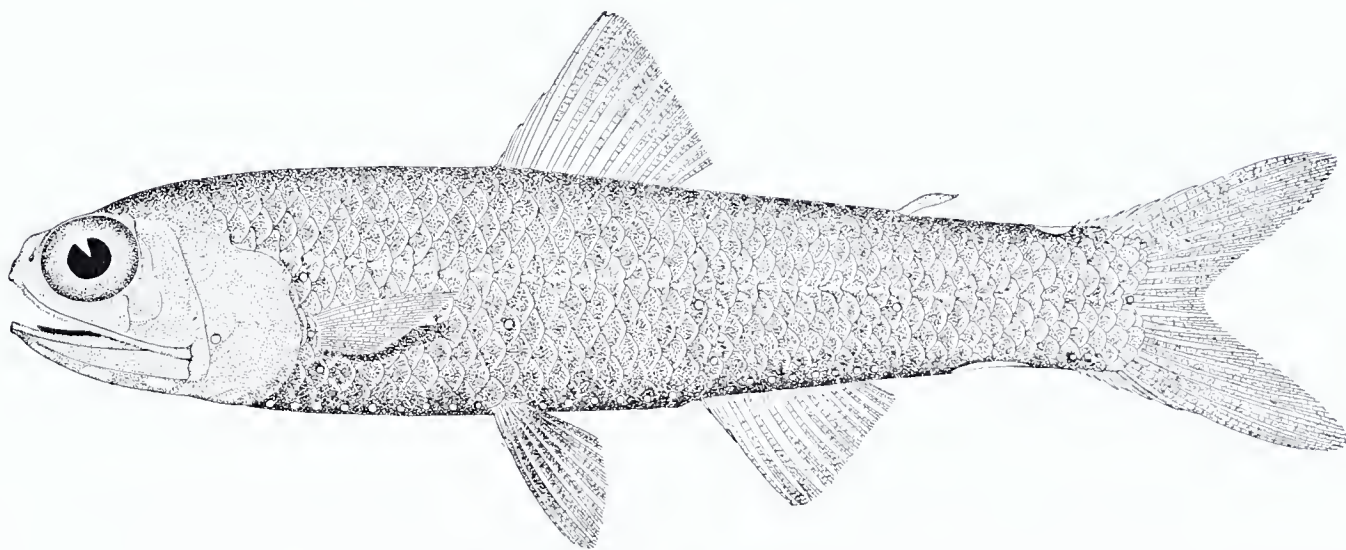
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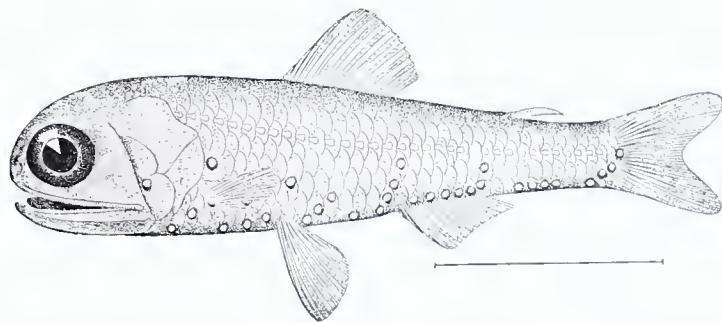
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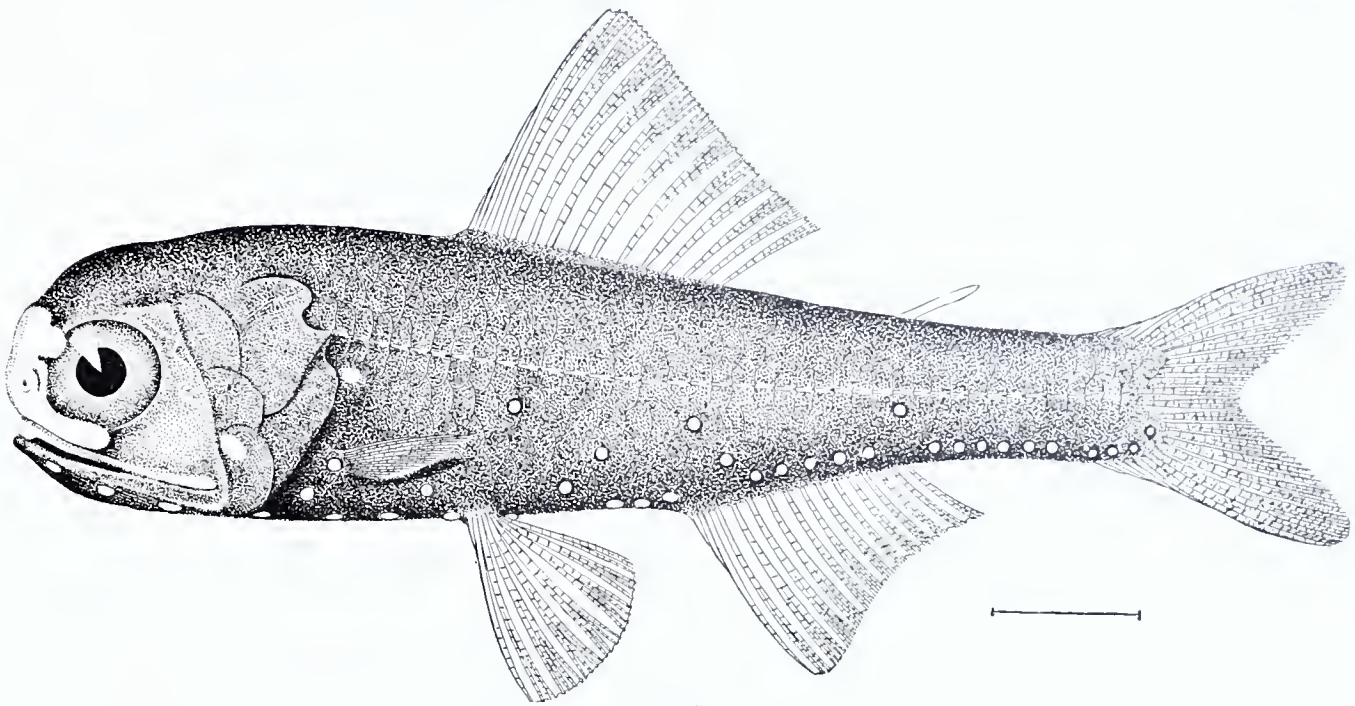
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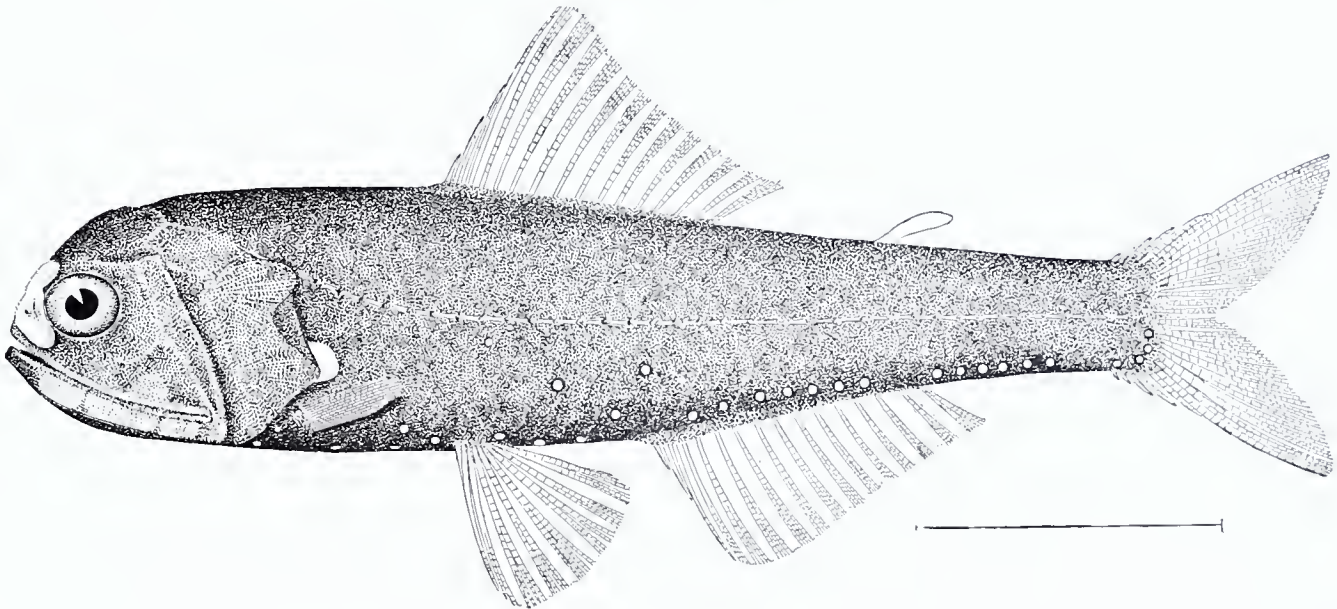
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97. *NOTOSCOPELUS QUERCINUS*. (p. 83.)
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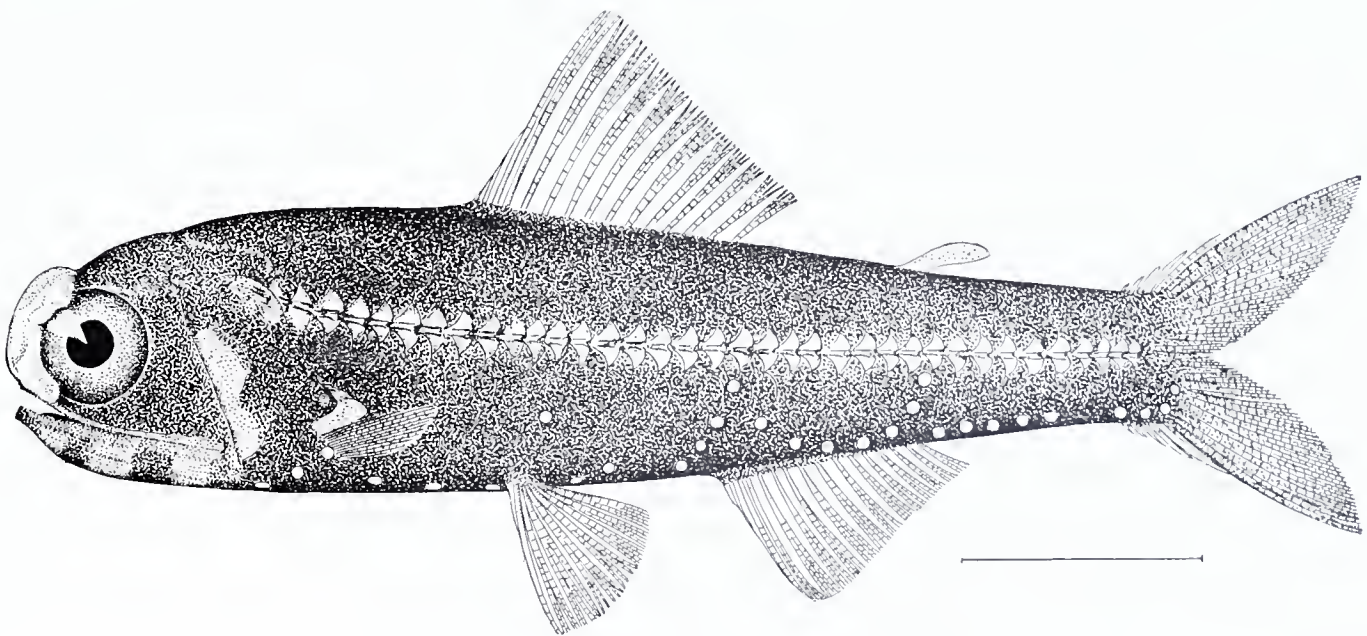
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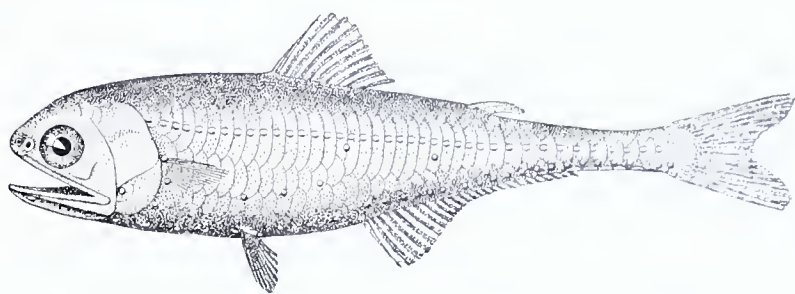


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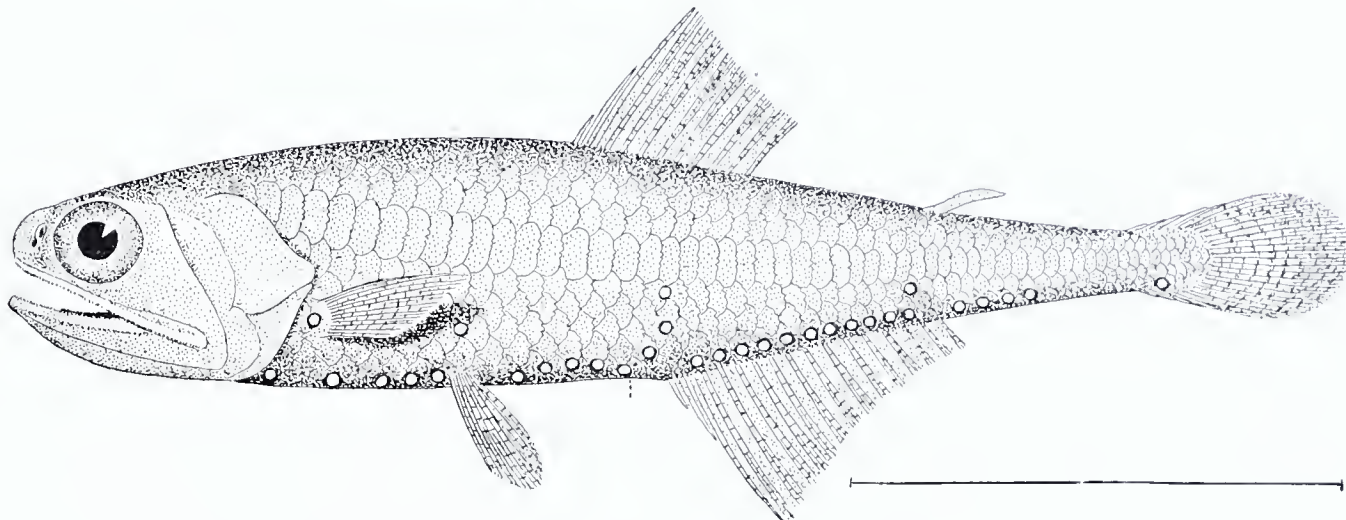
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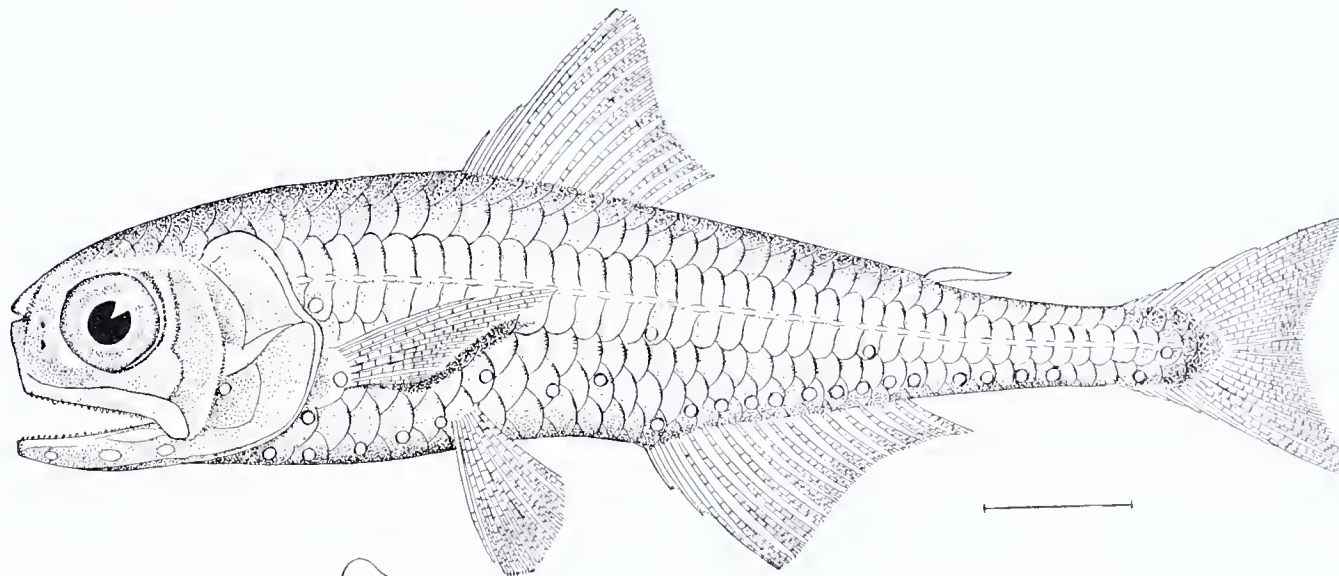
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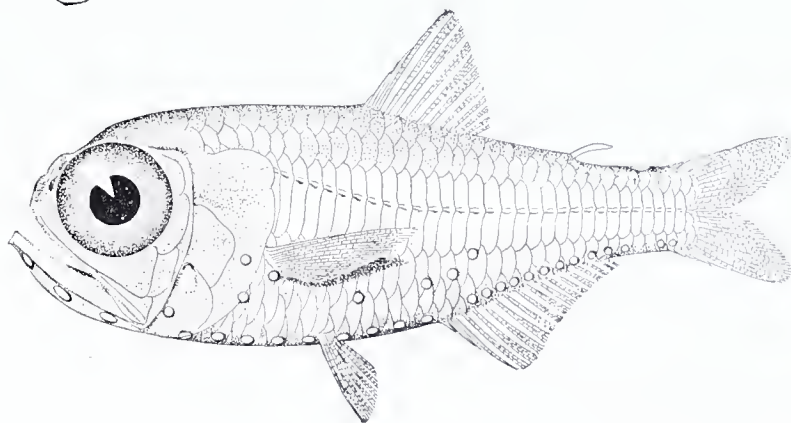
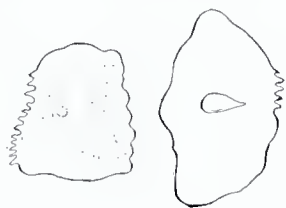
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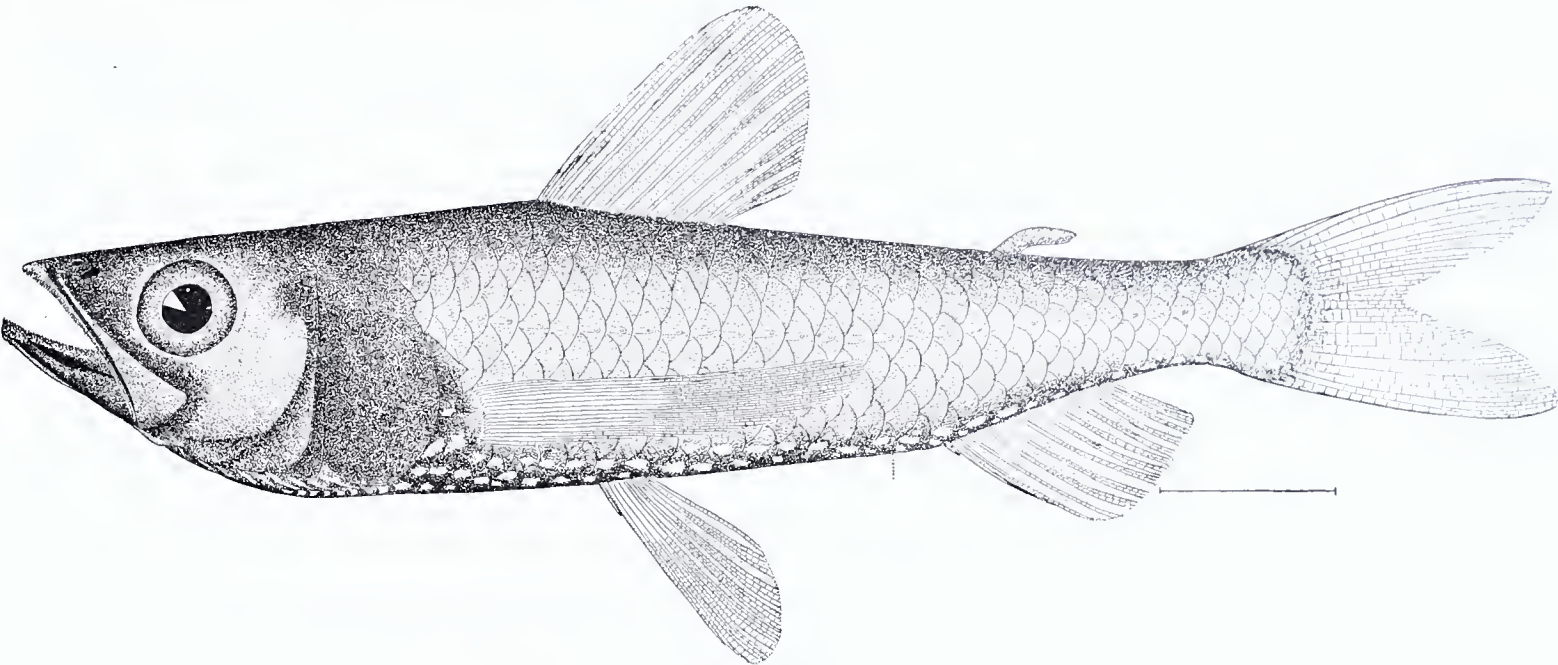
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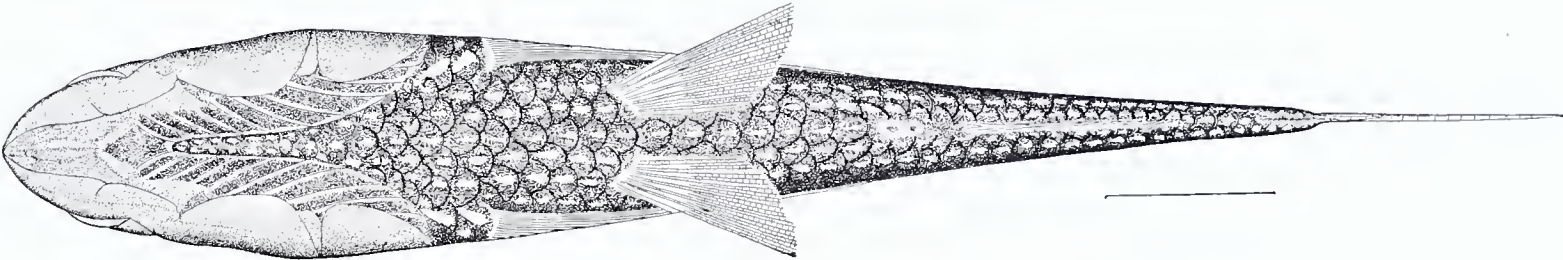
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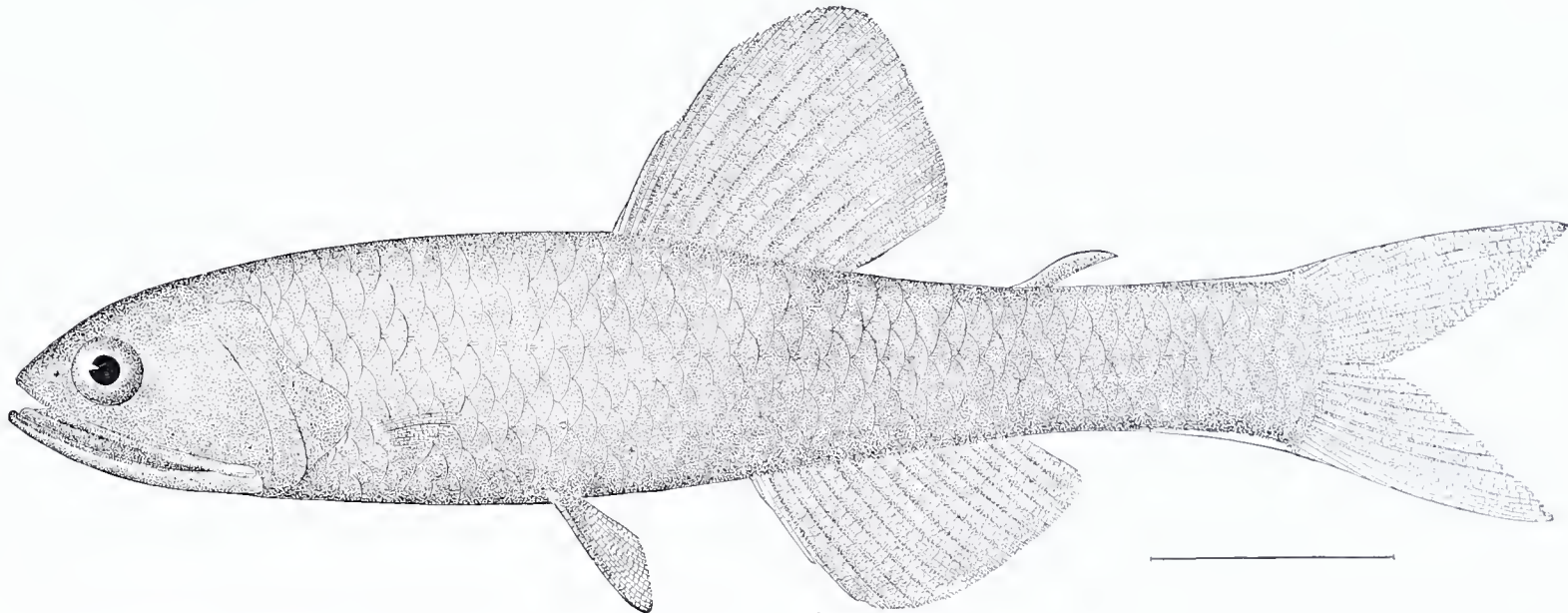
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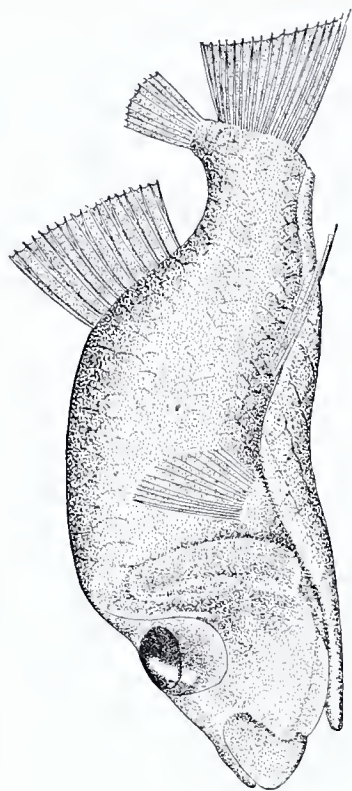
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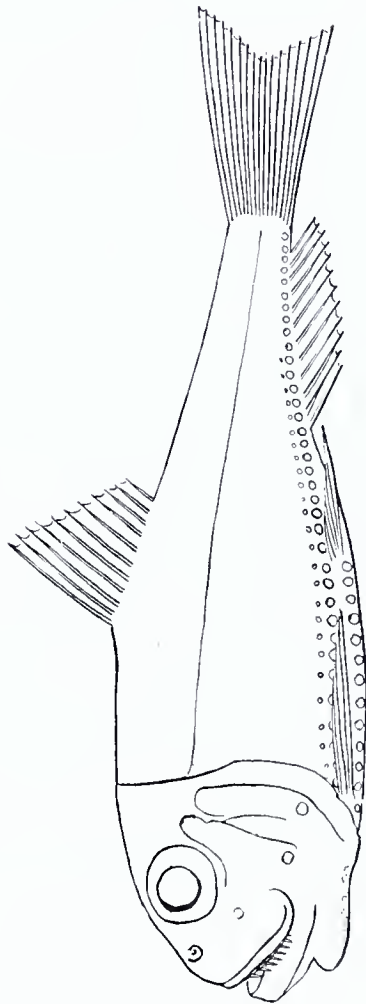
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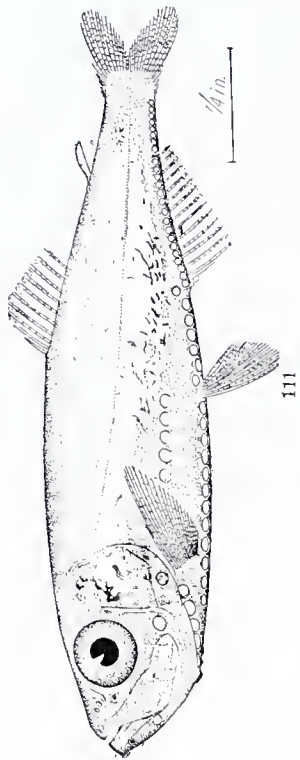
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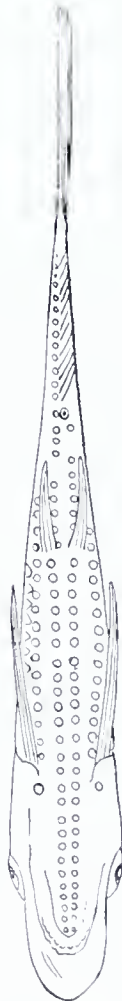
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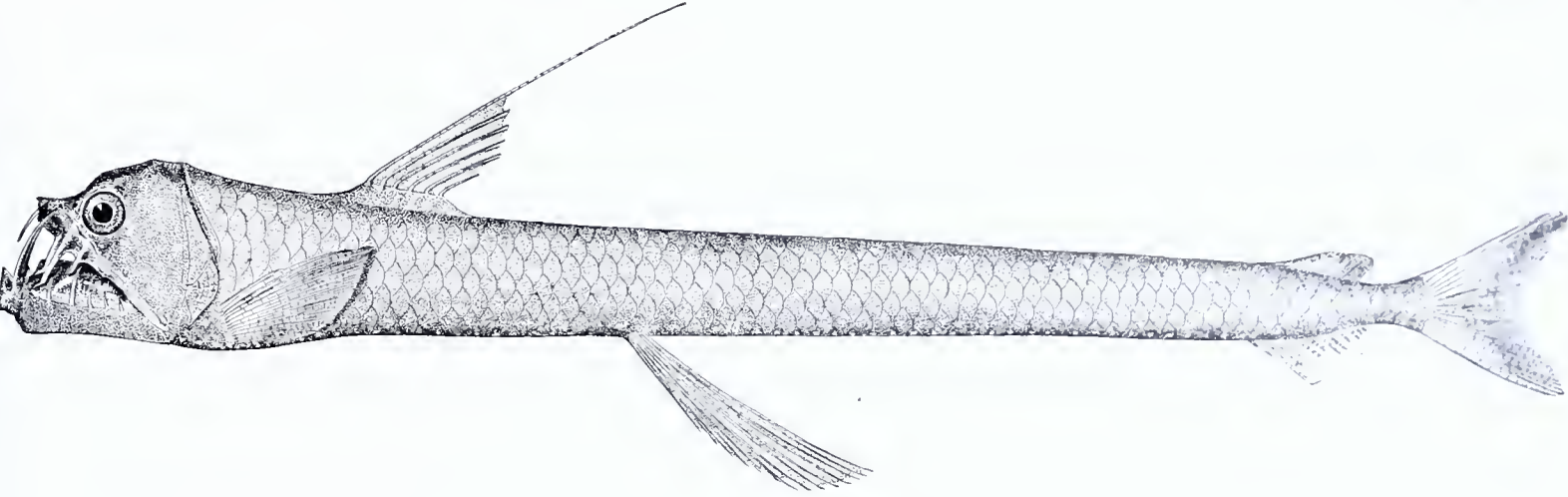
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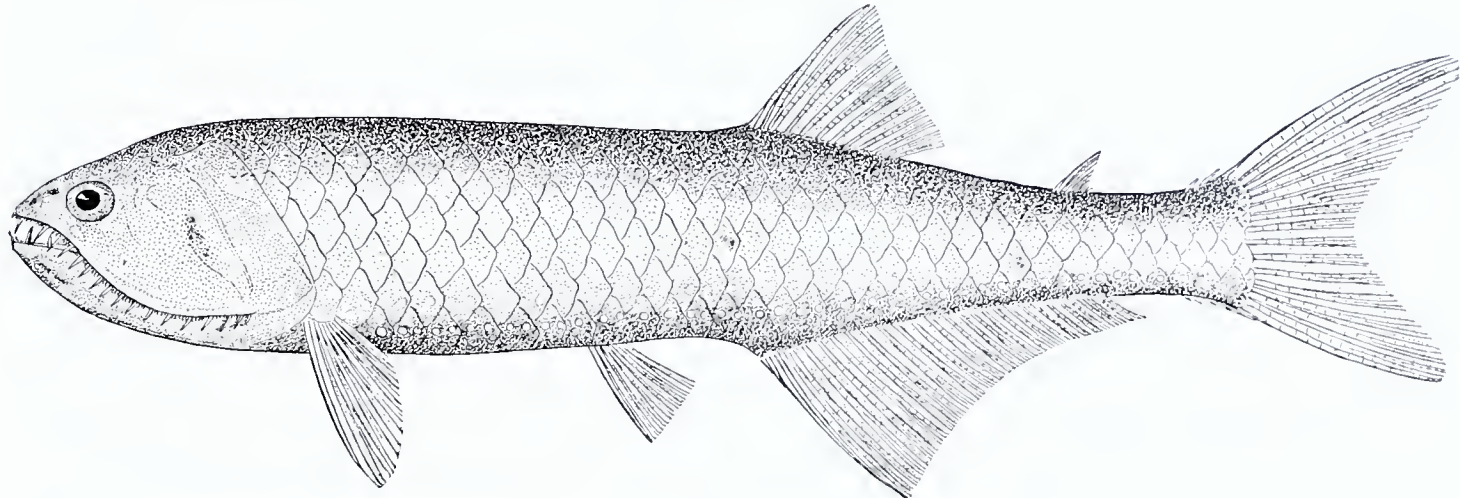
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112. *OPISTHOPTERUS SOLEATUS*, (p. 95.)
111. *CYCLOTHONE MICRODON*, (p. 99.)

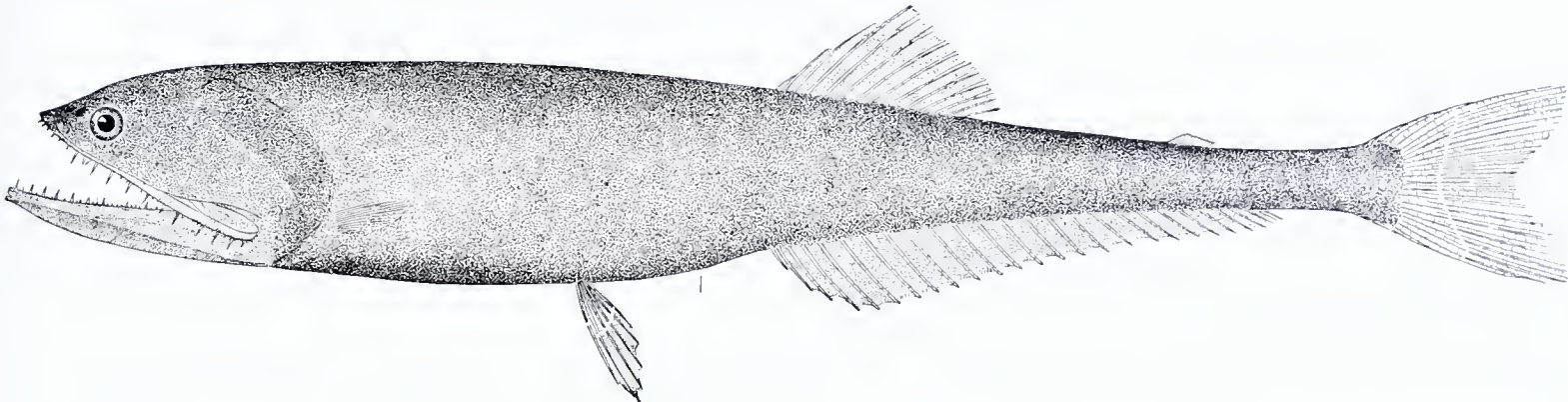
114. *MACROLOLCUS BOREALIS*, (p. 96.)
113, 113a. *ICHTHYOCOCUS OVATUS*, (p. 95.)



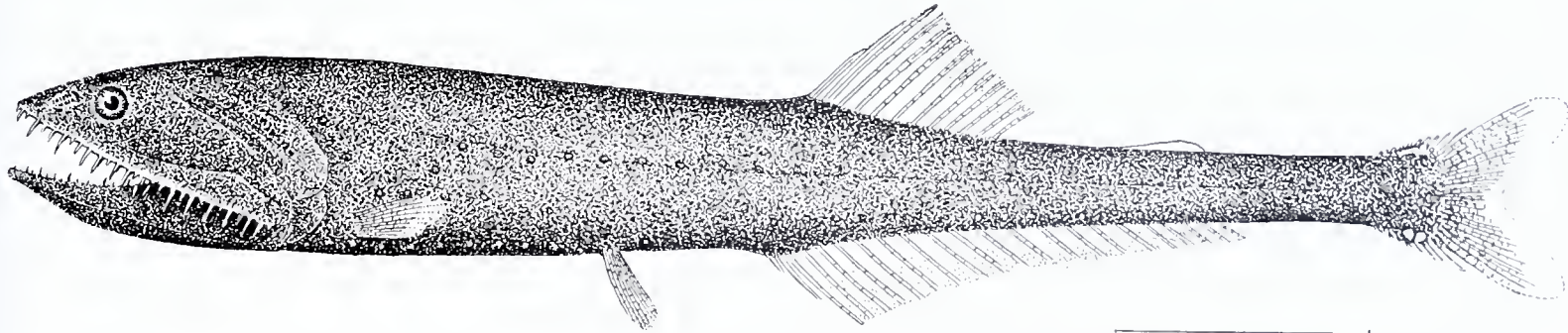
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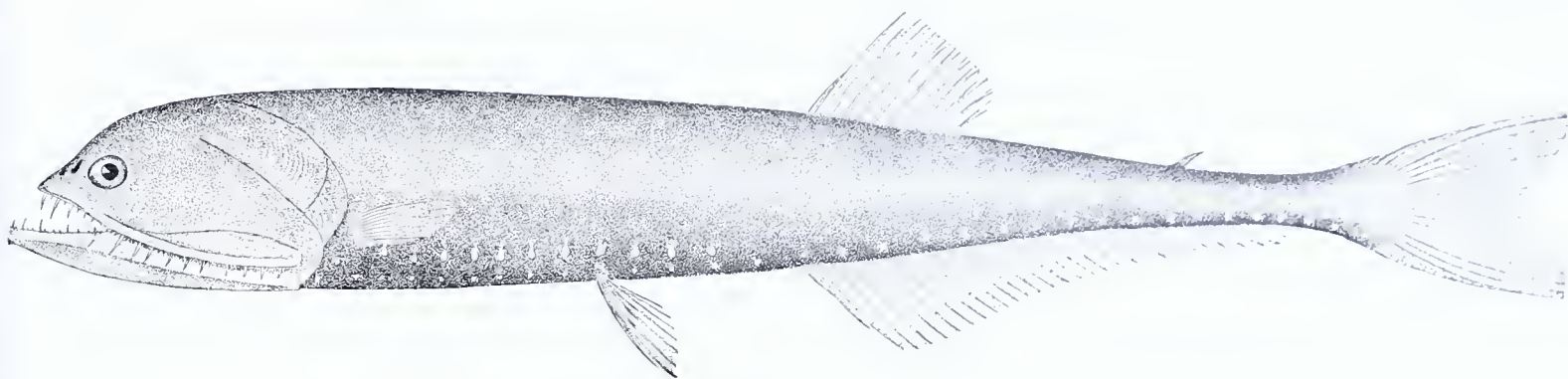
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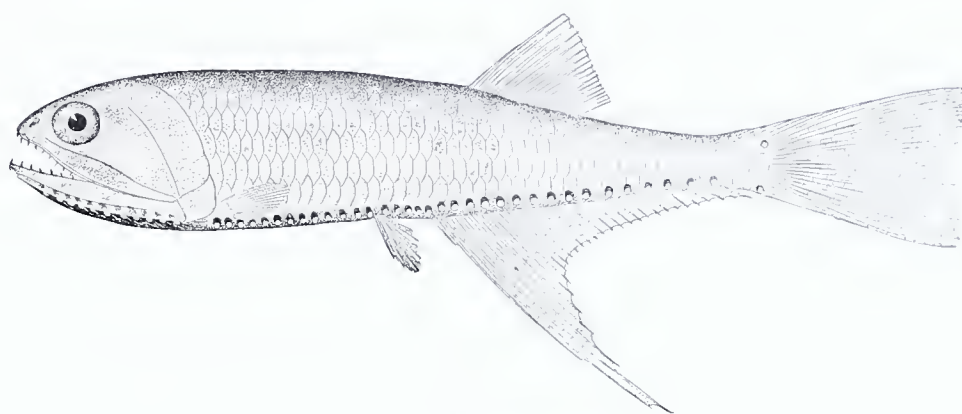
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115. CHAULIODUS SLOANII. (p. 96.)
117. GONOSTOMA BREVIDENS. (p. 98.)

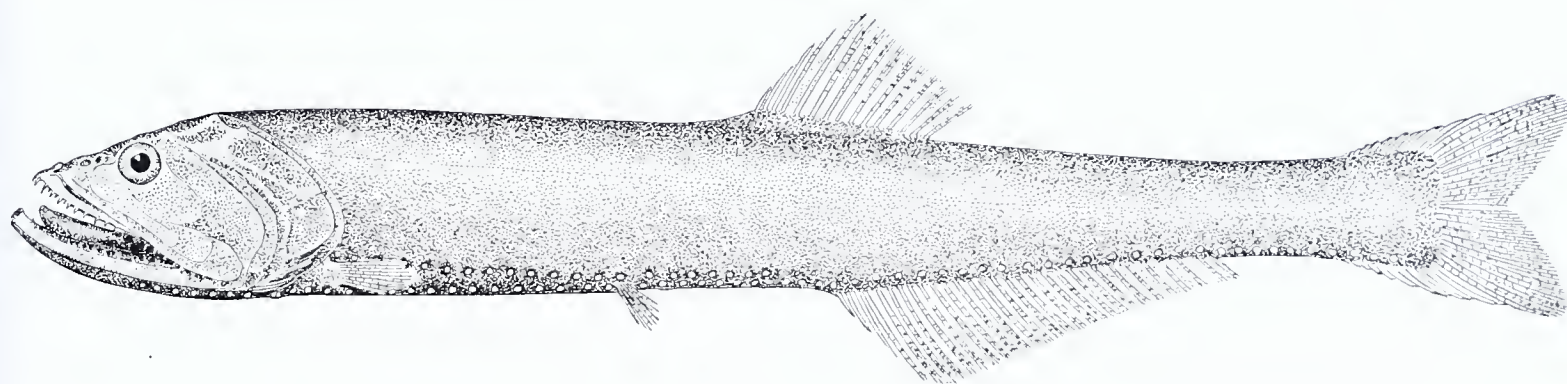
116. GONOSTOMA DENUDATUM. (p. 98.)
118. CYCLOTHONE BATHYPHILA. (p. 100.)



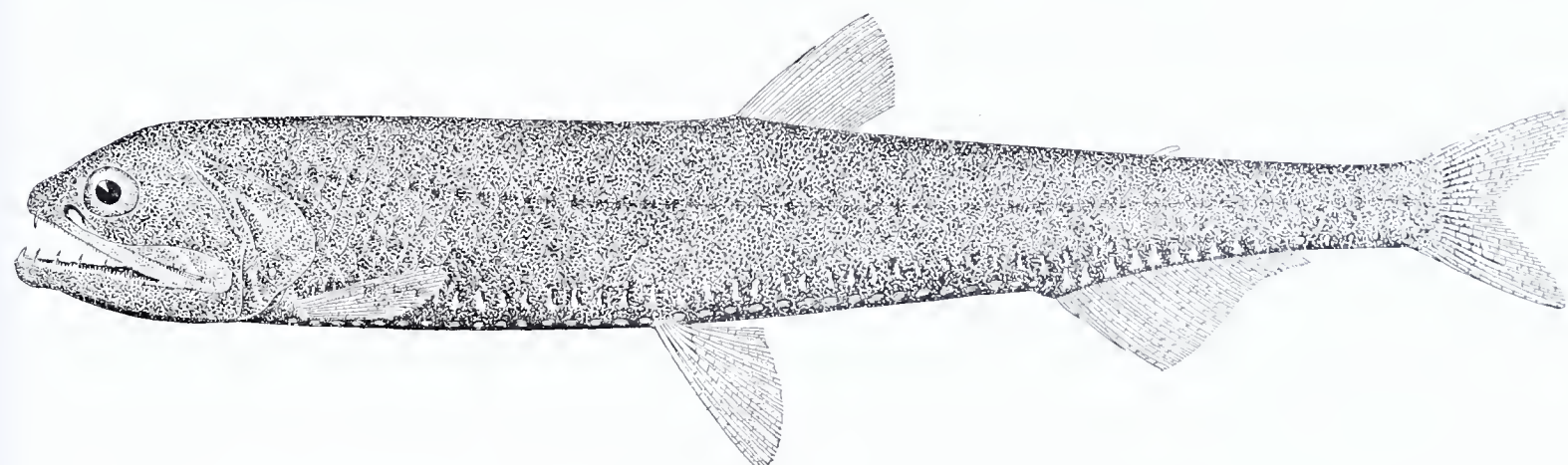
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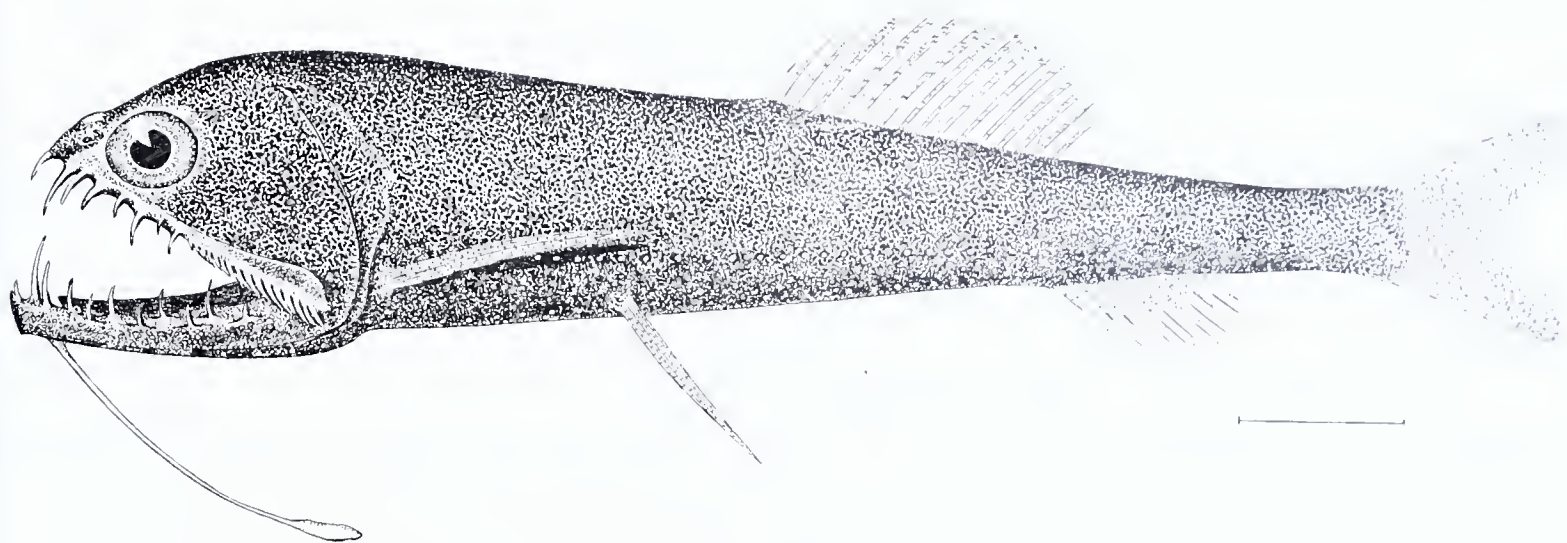
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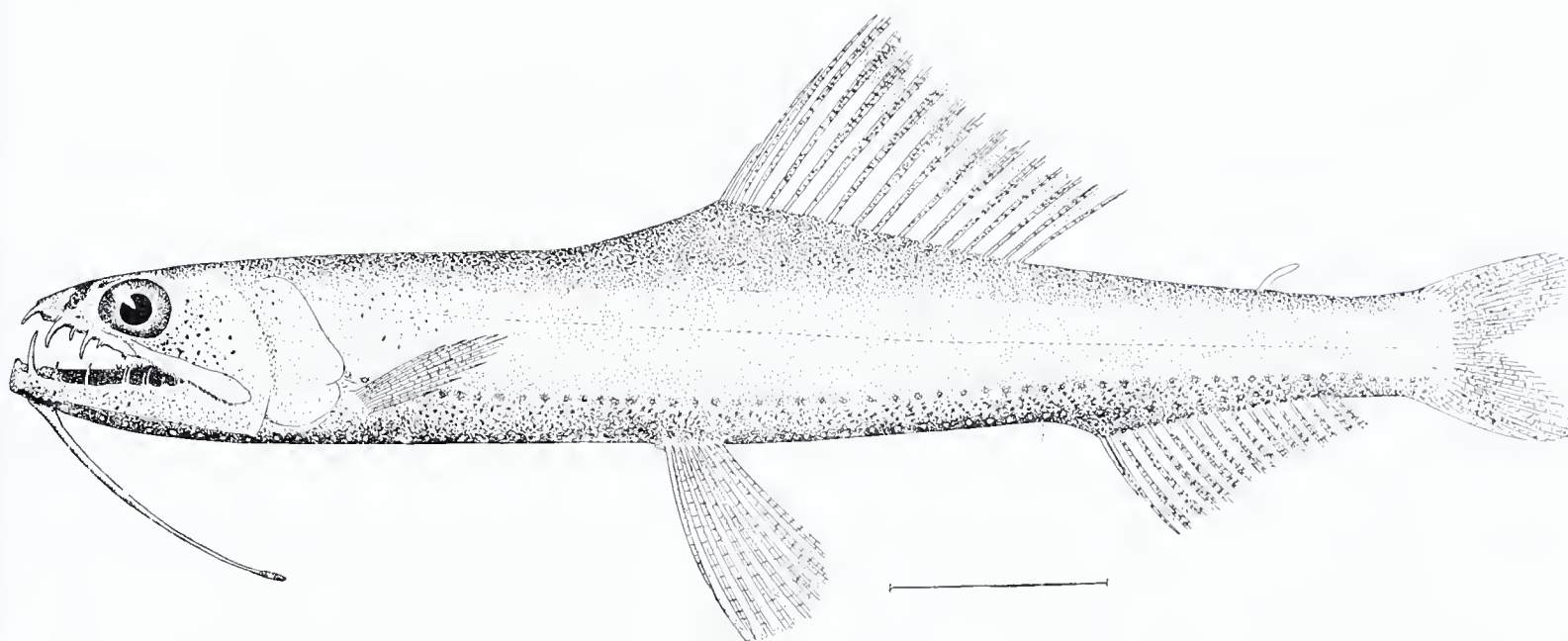
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119. *CYCLOTHONE ELONGATA*. (p. 101.)
121. *YARRELLA BLACKFORDI*. (p. 103.)

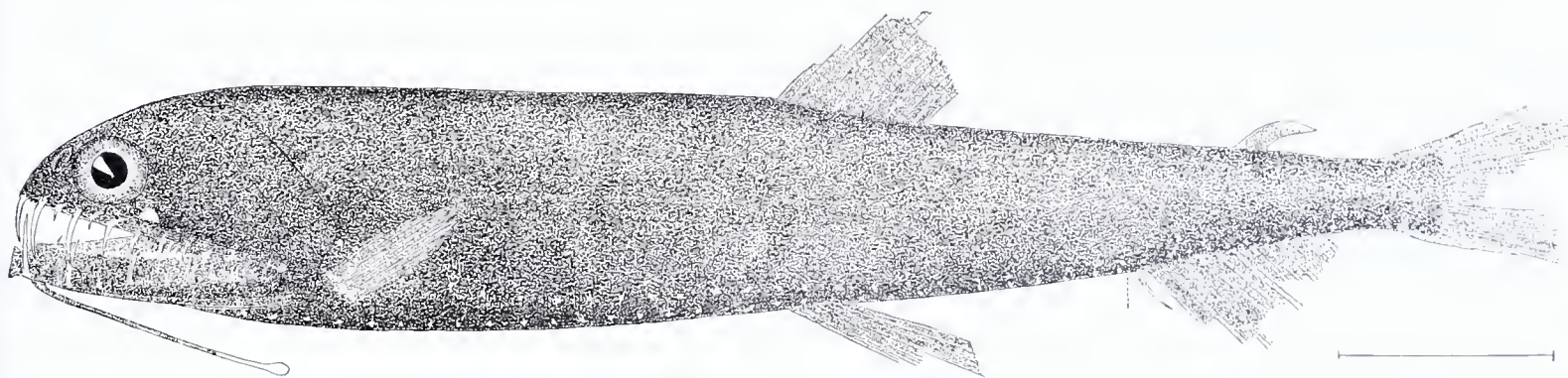
120. *BONAPARTIA PEDALIOTA*. (p. 102.)
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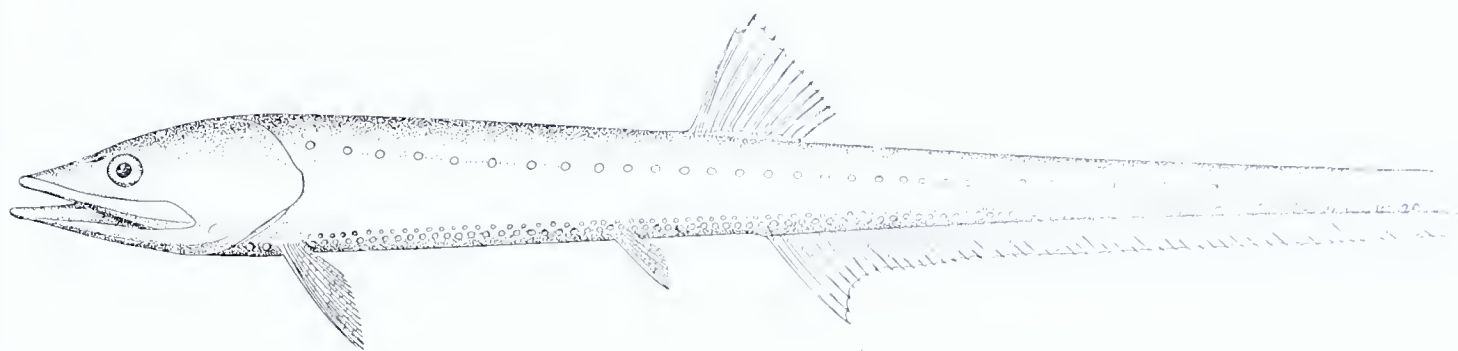


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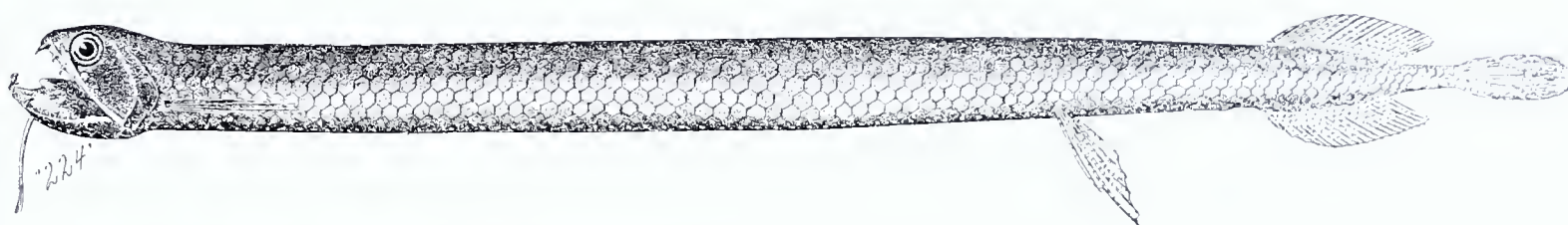
123. *ASTRONESTHES NIGER*. (p. 105.)

124. *ASTRONESTHES GEMMIFER*. (p. 105.)

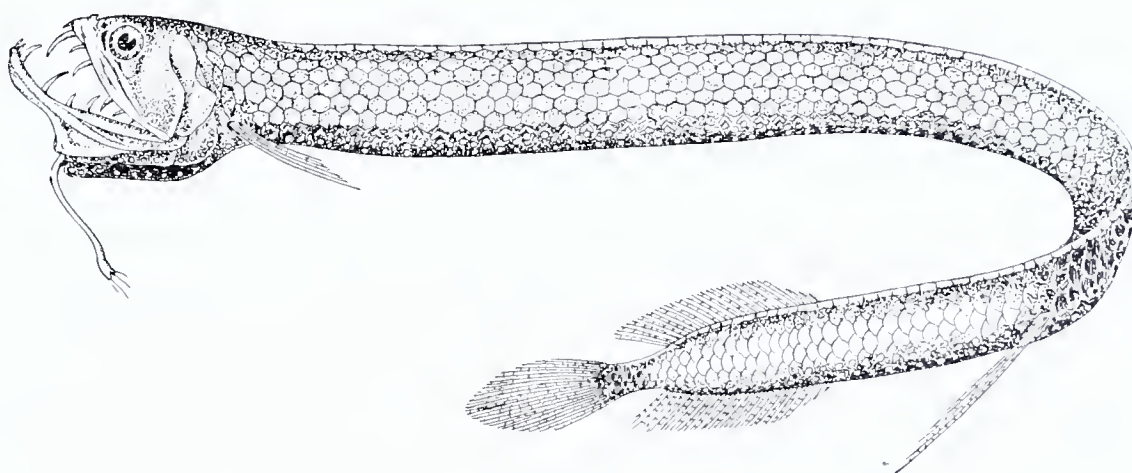
125. *ASTRONESTHES RICHARDSONII*. (p. 106.)



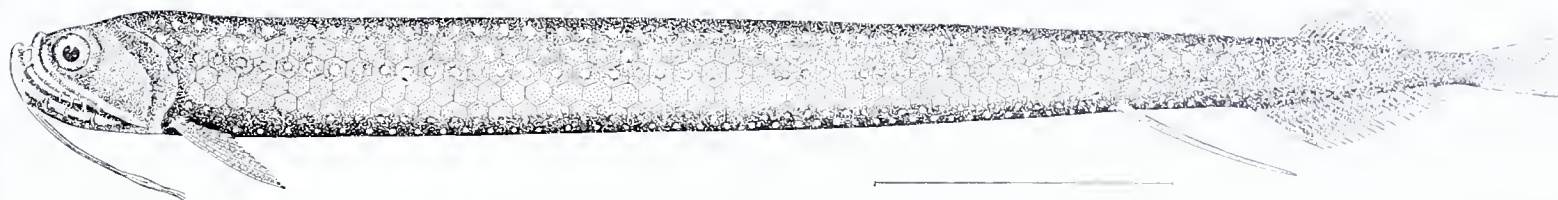
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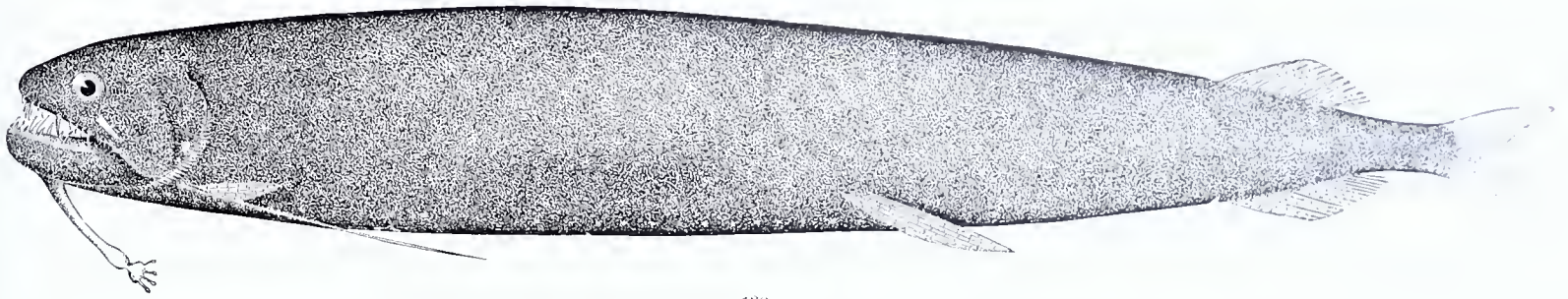
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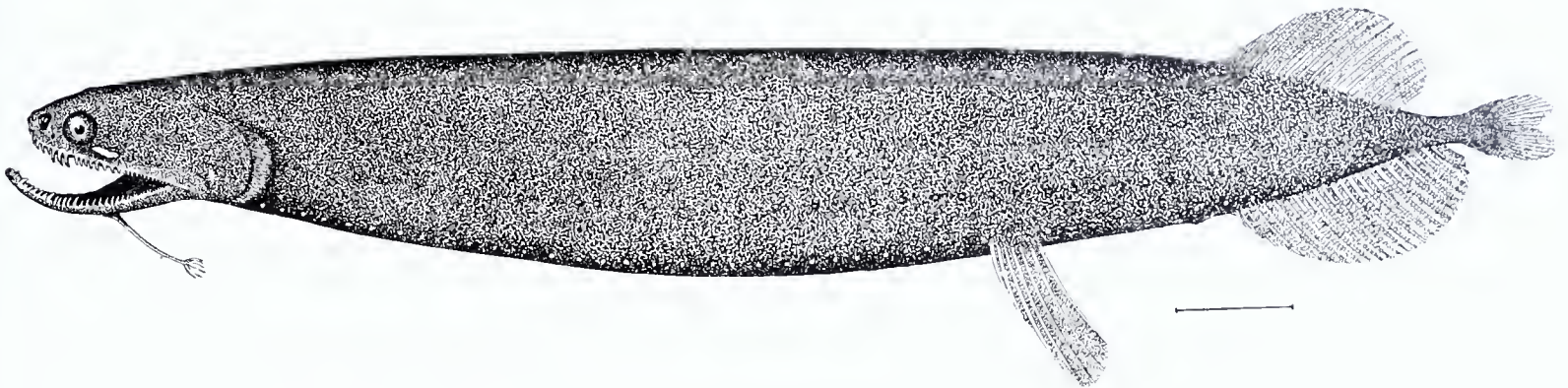
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126. DIPLOPHOS TENIA. (p. 104.)
128. STOMIAS BOA. (p. 108.)

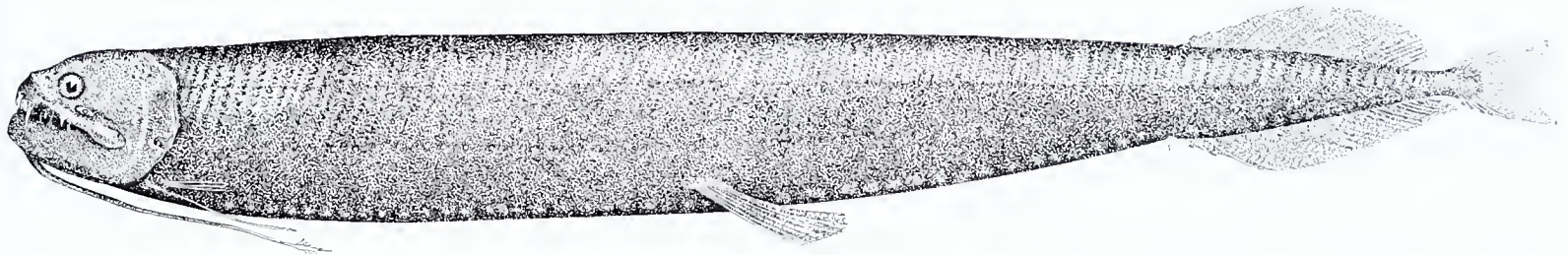
127. STOMIAS FERON. (p. 107.)
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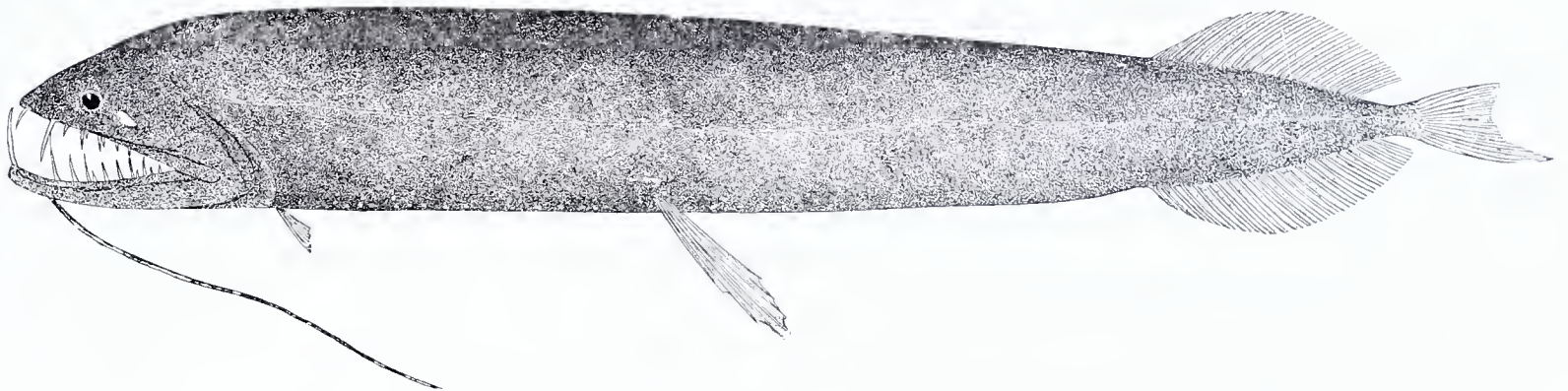
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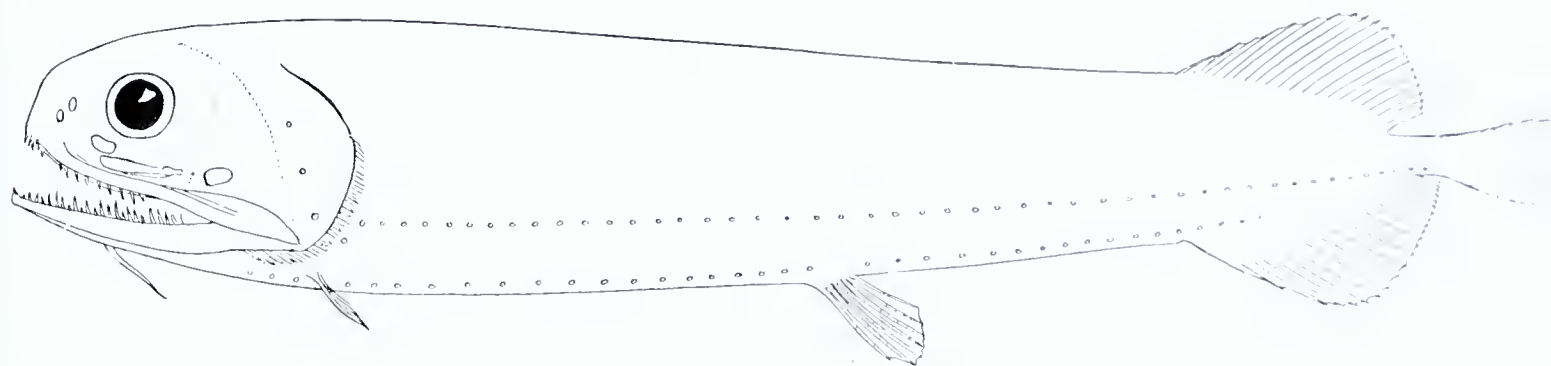
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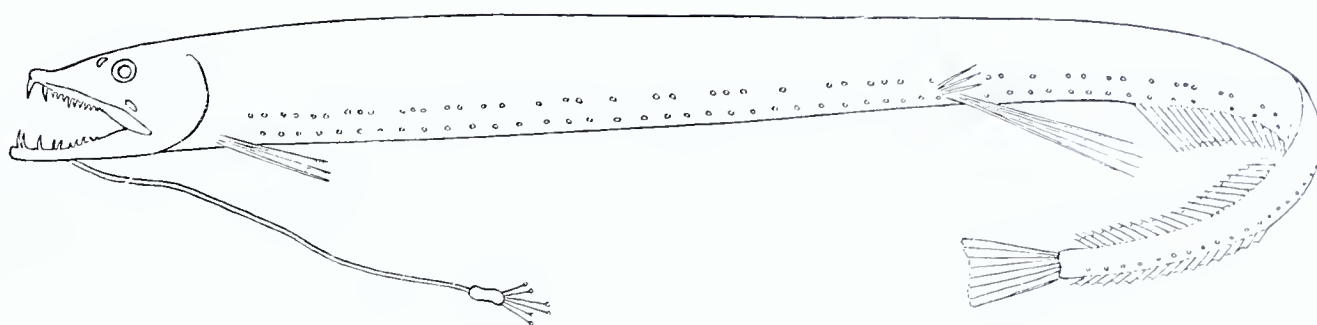
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130. ECHIOSTOMA BARBATUM. (p. 109.)
132. OPOSTOMIAS MICRIPNUS. (p. 110.)

131. ECHIOSTOMA MARGARITA. (p. 109.)
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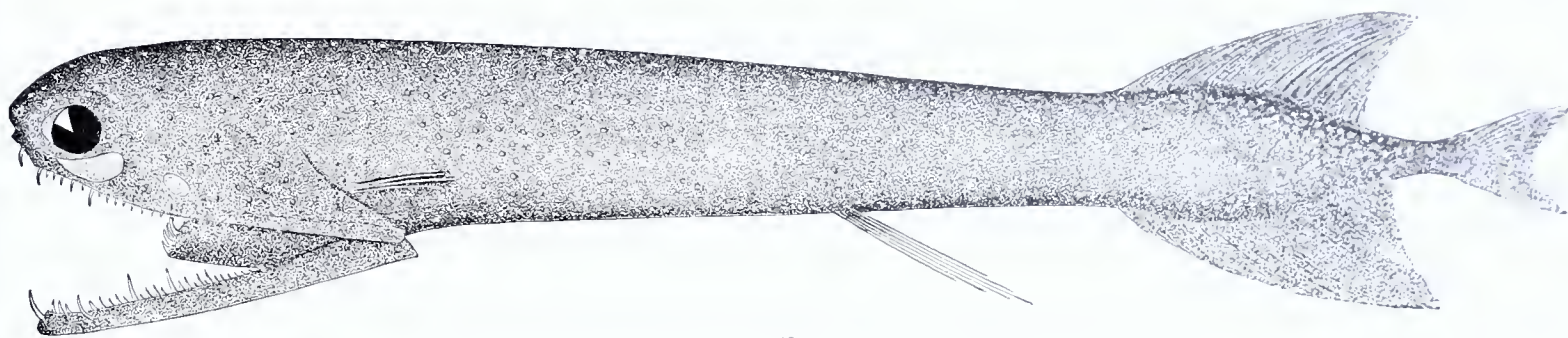
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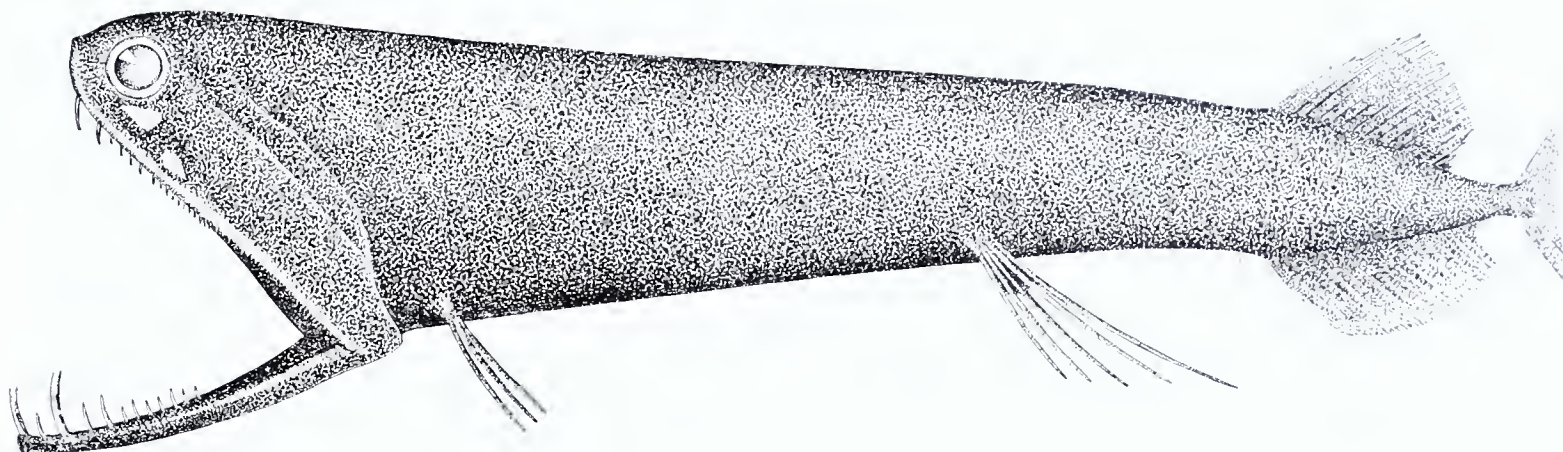
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134. PACHYSTOMIAS MICRODON. (p. 111.)
136. BATHOPHILUS NIGERRIMUS. (p. 111.)

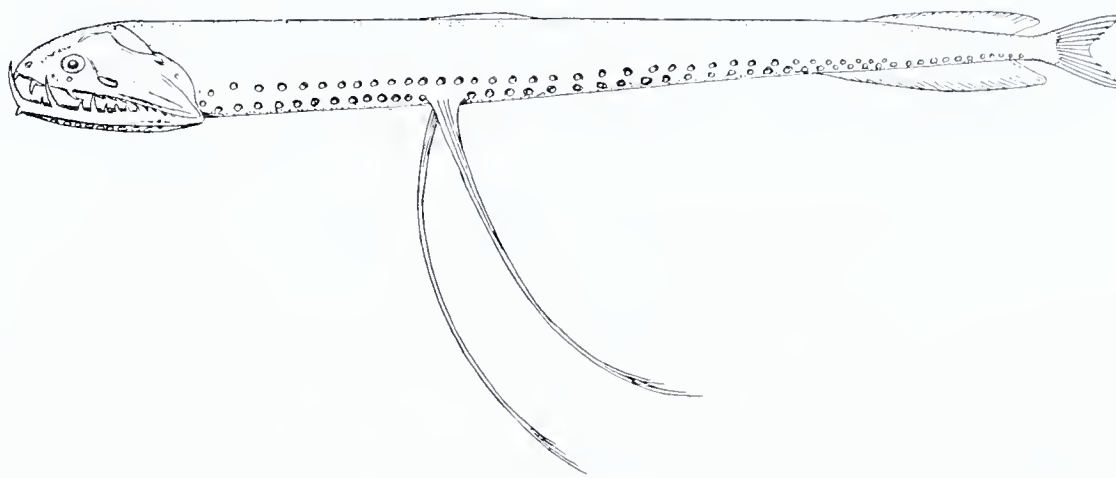
135. EUSTOMIAS OBSCURUS. (p. 111.)
137. PHOTONEKTES GRACILIS. (p. 112.)



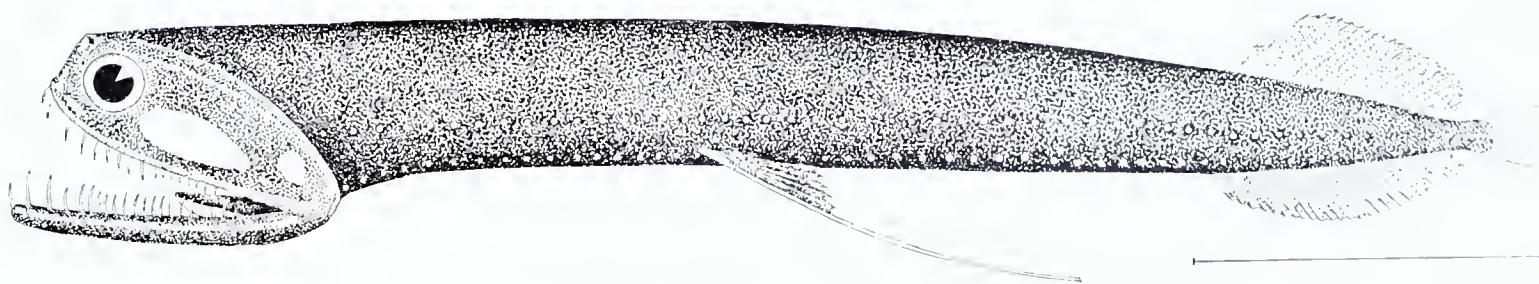
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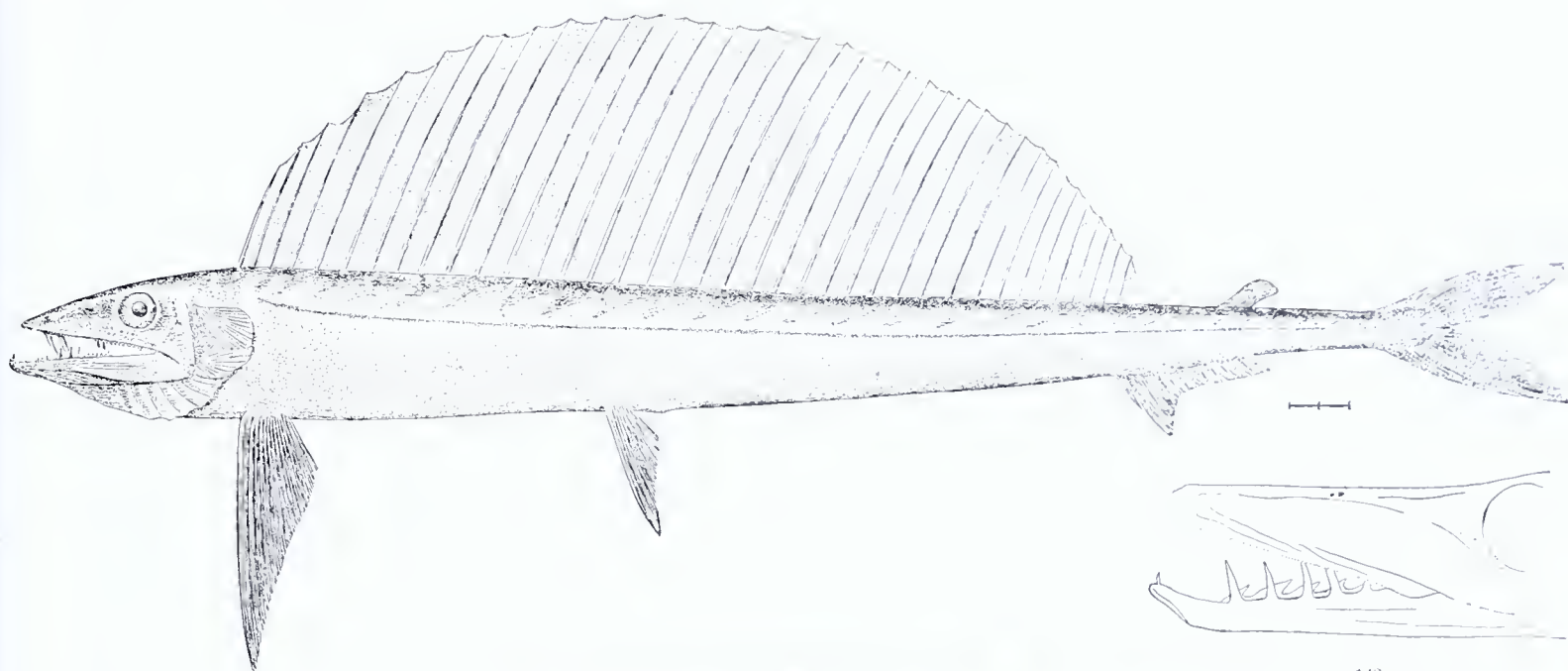
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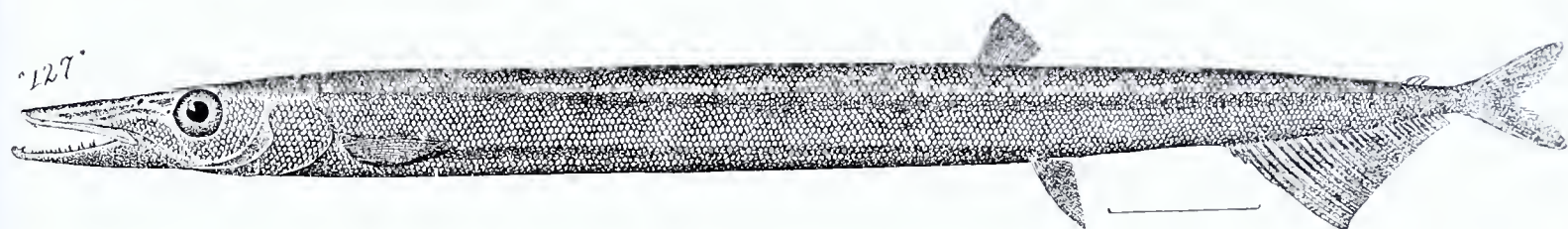
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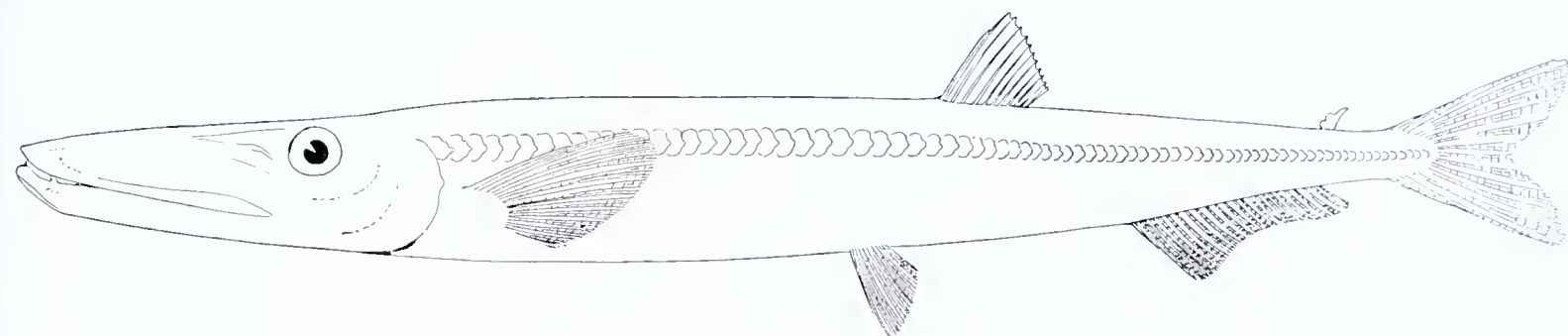


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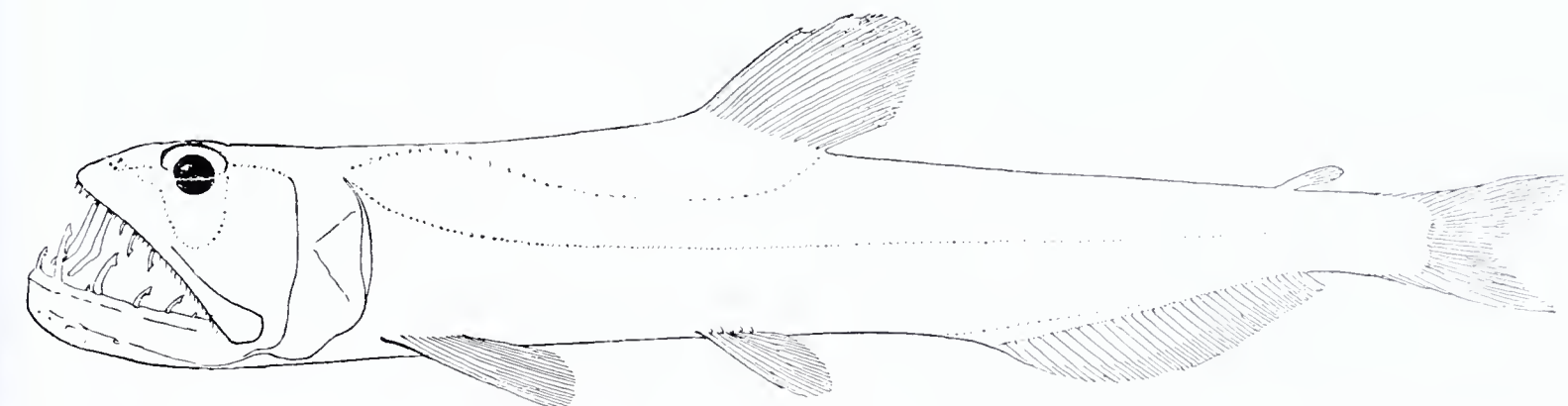
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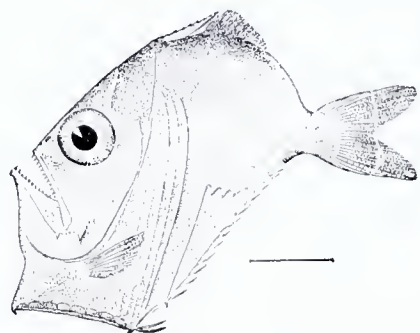
142. ALEPISAURUS FEROX. (p. 117.)

143a. PARALEPIS COREGONOIDES. (p. 119.)

145. ODONTOSTOMUS HYALINUS. (p. 121.)

143. PARALEPIS BOREALIS. (p. 119.)

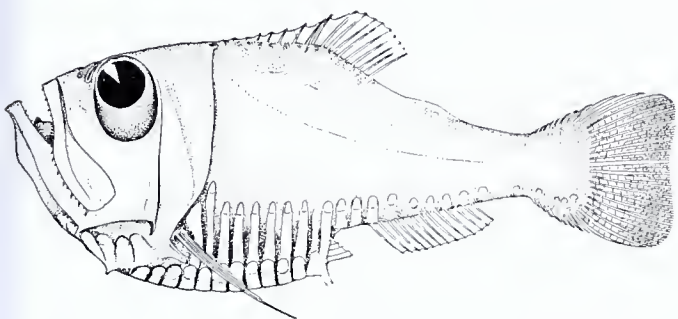
144. SUDIS HYALINA. (p. 121.)



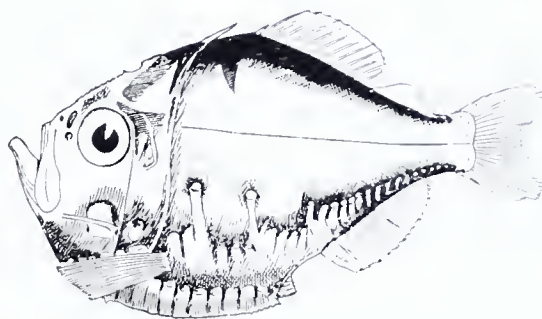
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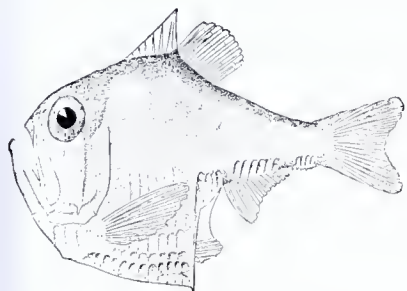
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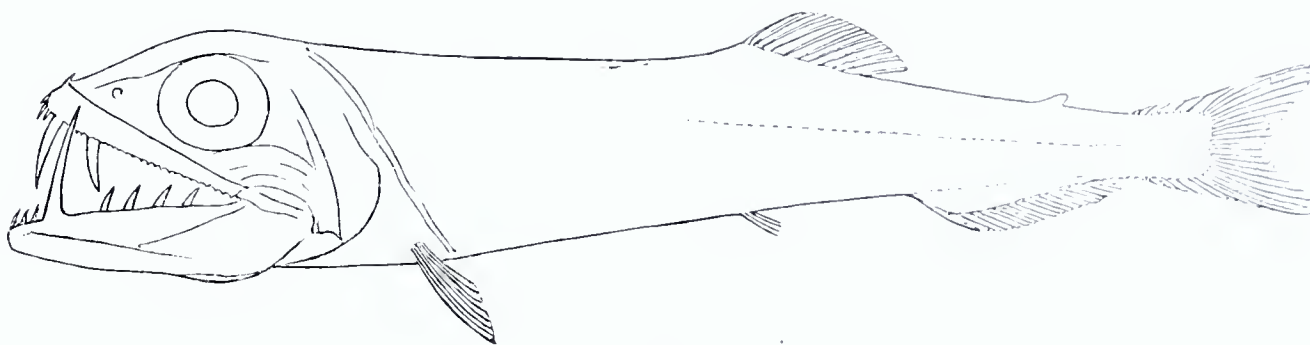
148a



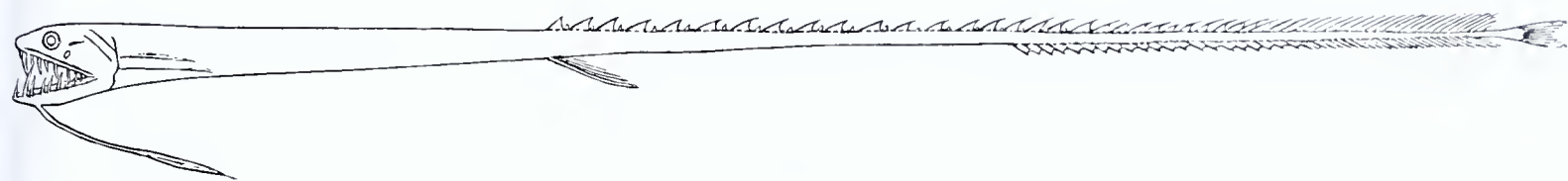
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- 146, 146b. *STERNOPTYX DIAPHANA*. (p. 124.)
 148. *POLYIPNUS SPINOSUS*. (p. 128.)
 149. *PARALEPIS COREGONOIDES*. (p. 119.)

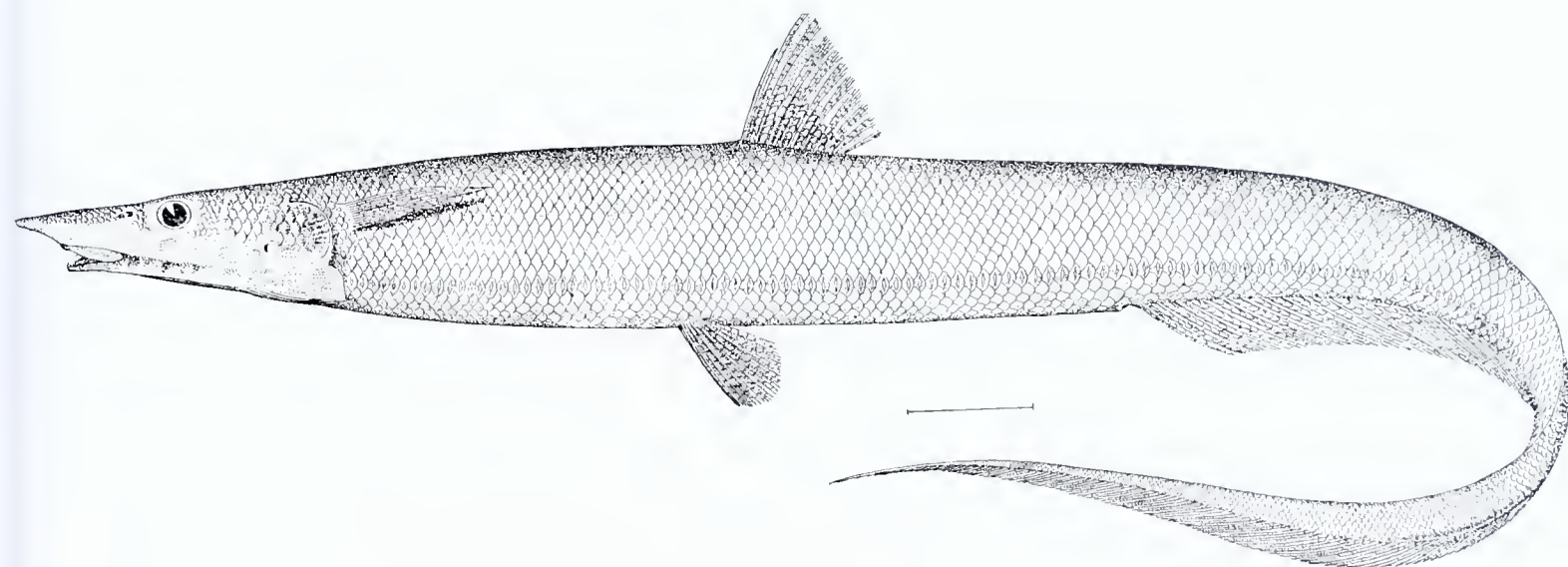
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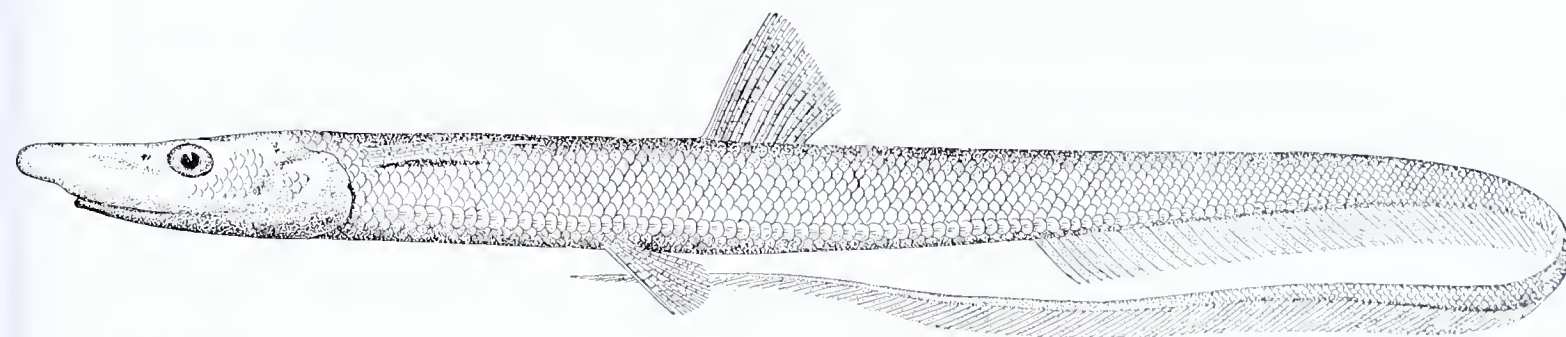
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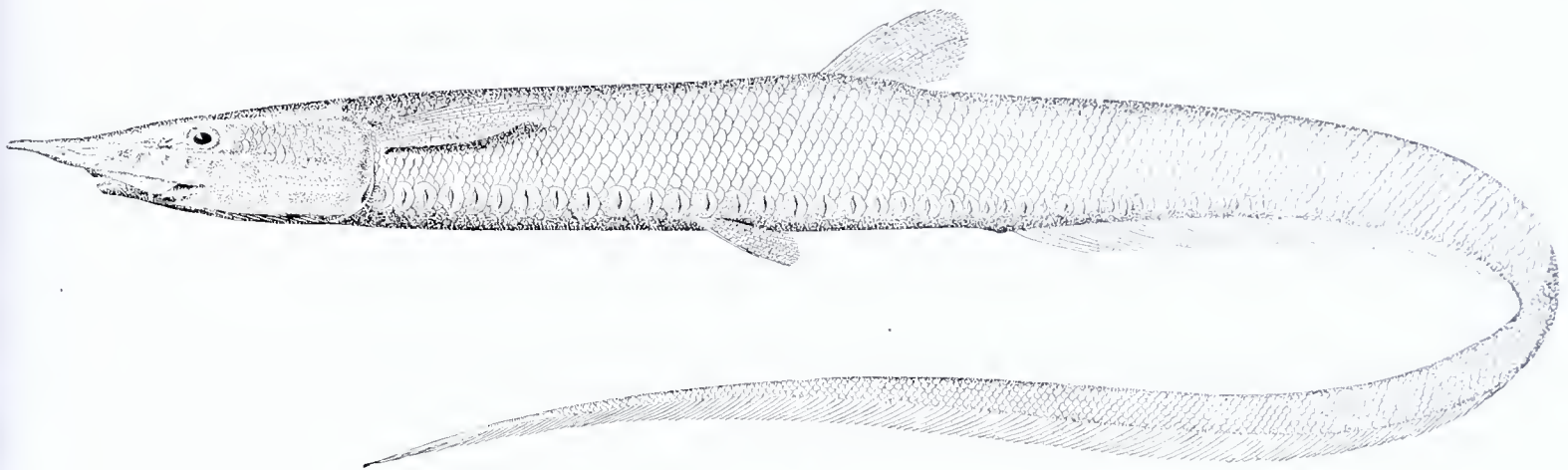
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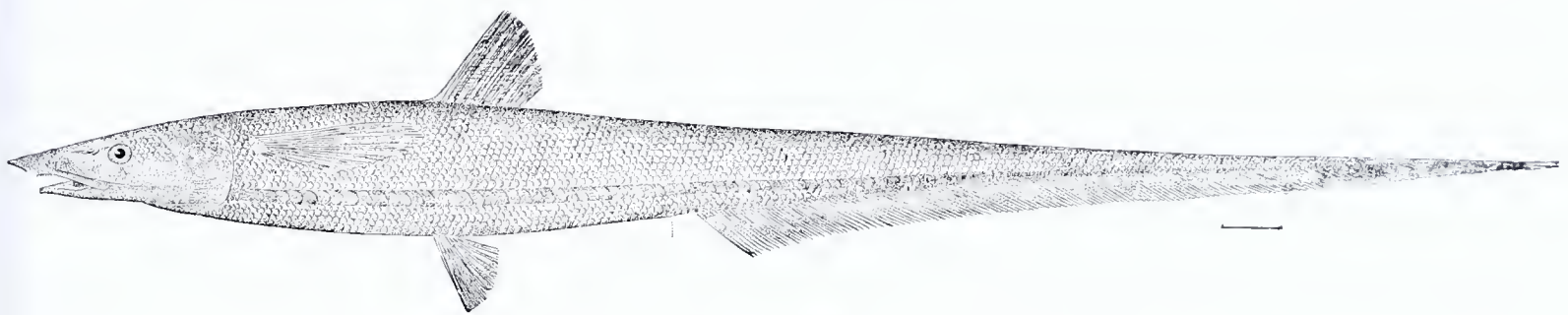
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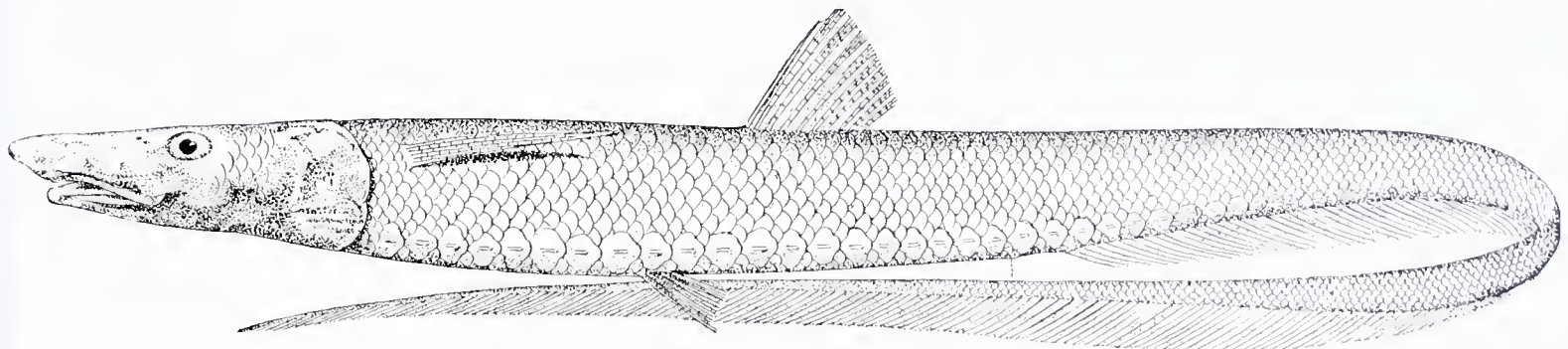
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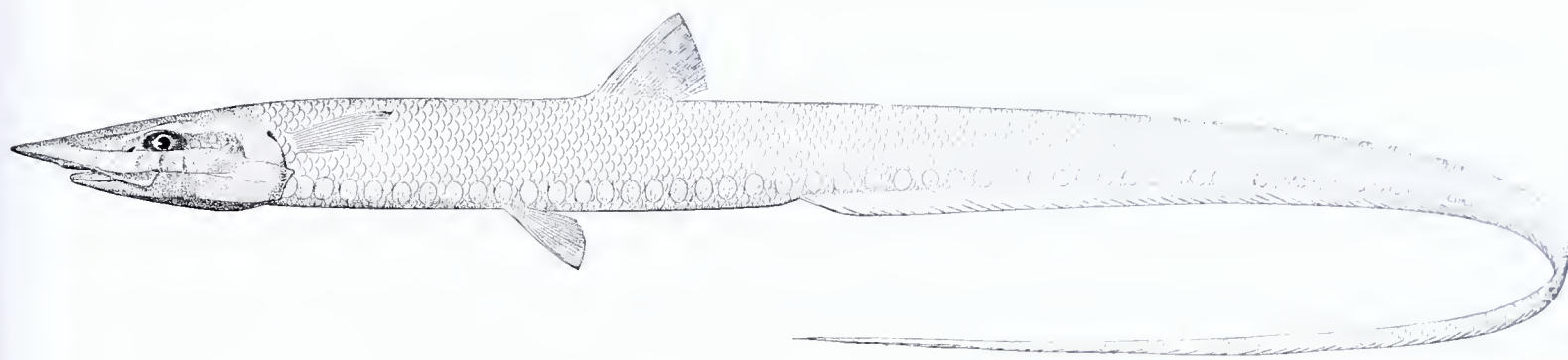


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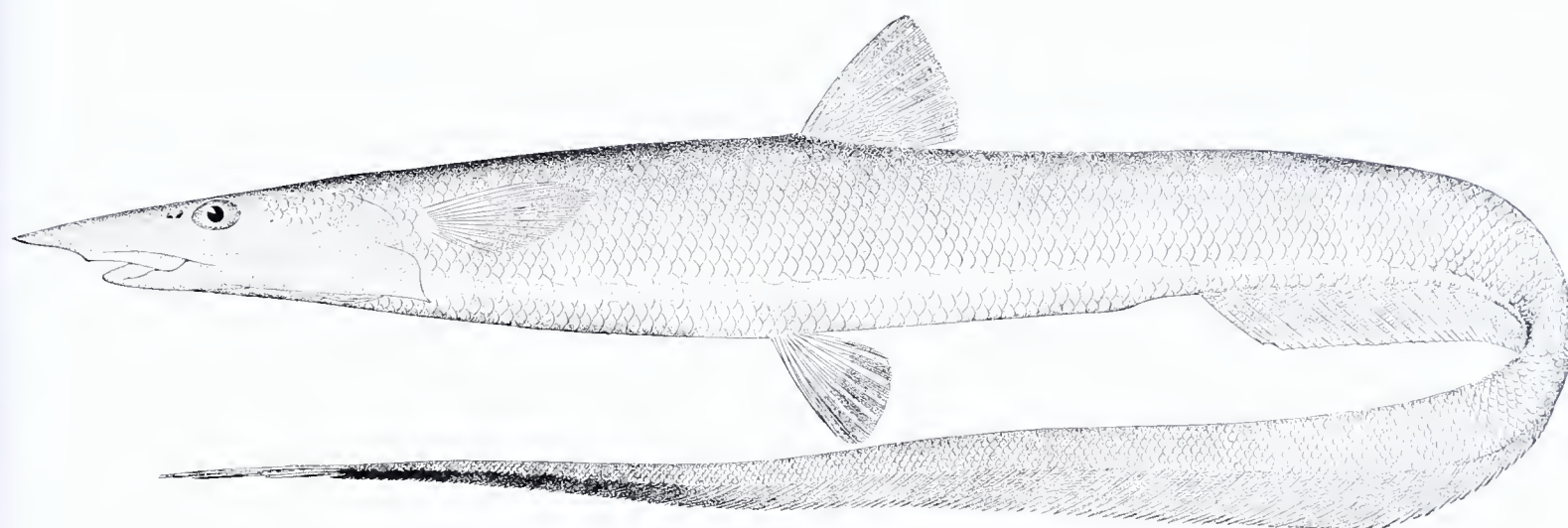
154. ALDROVANDIA ROSTRATA. (p. 132.)

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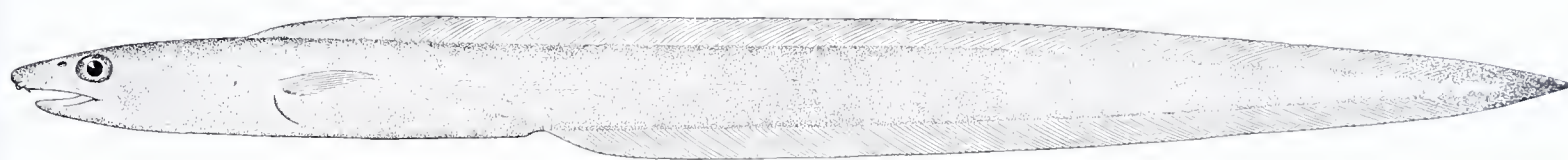
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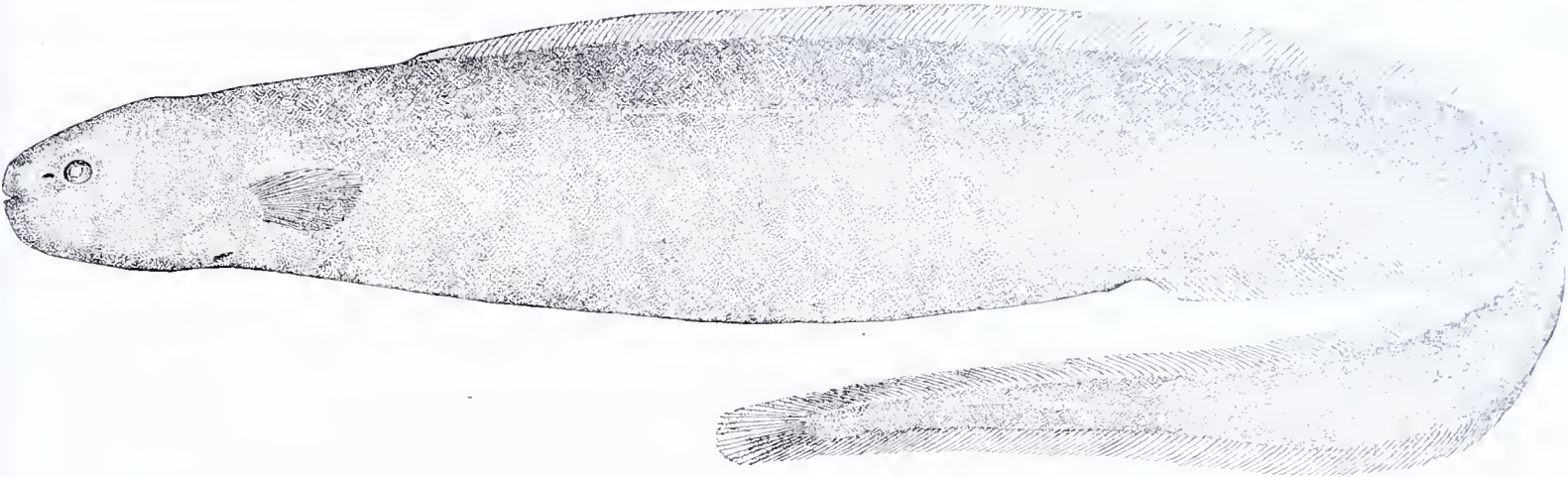
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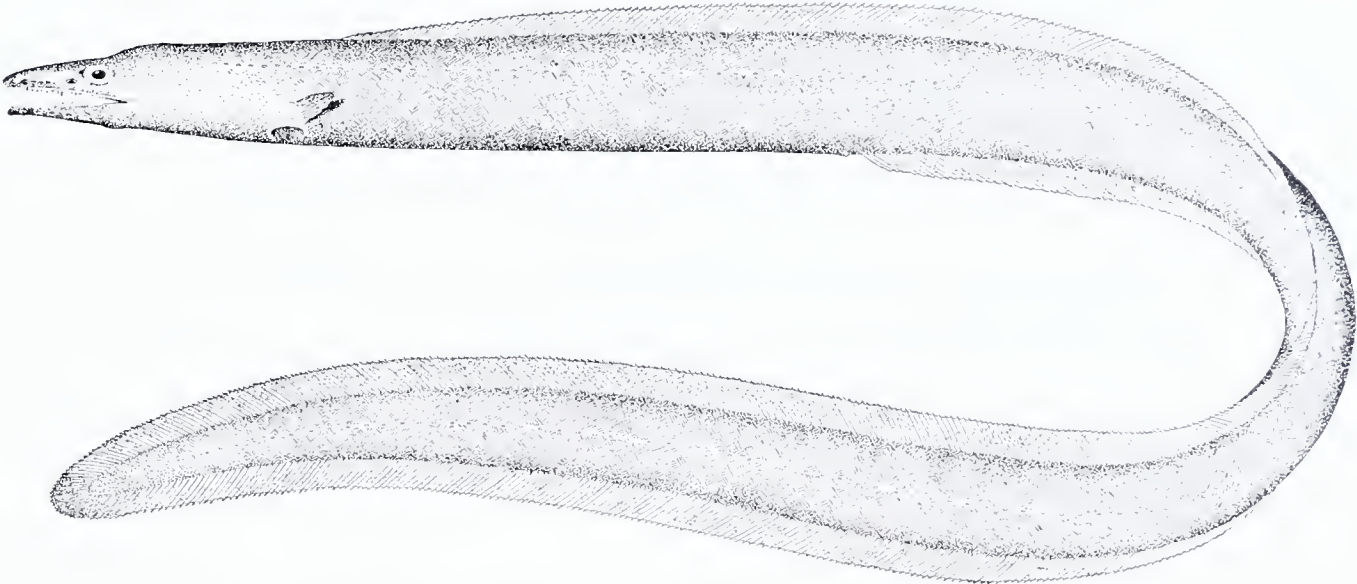
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157. ALDROVANDIA GRACILIS. (p. 134.)
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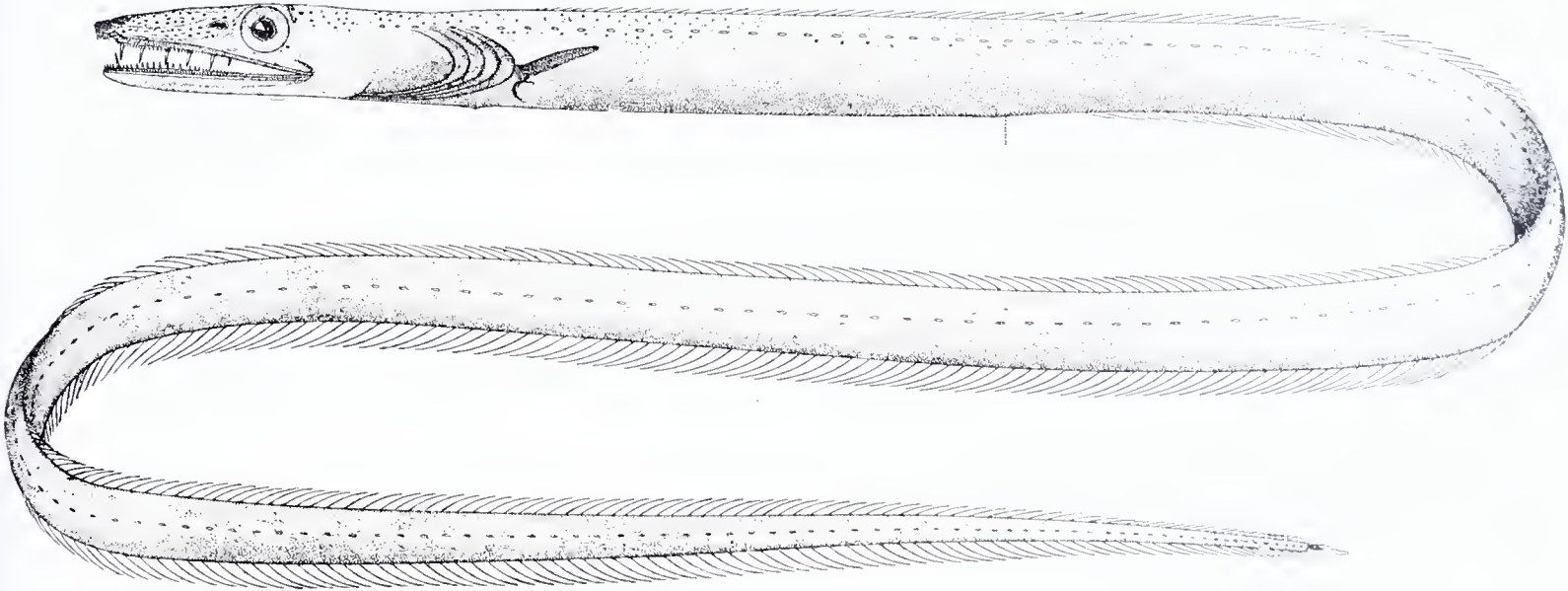
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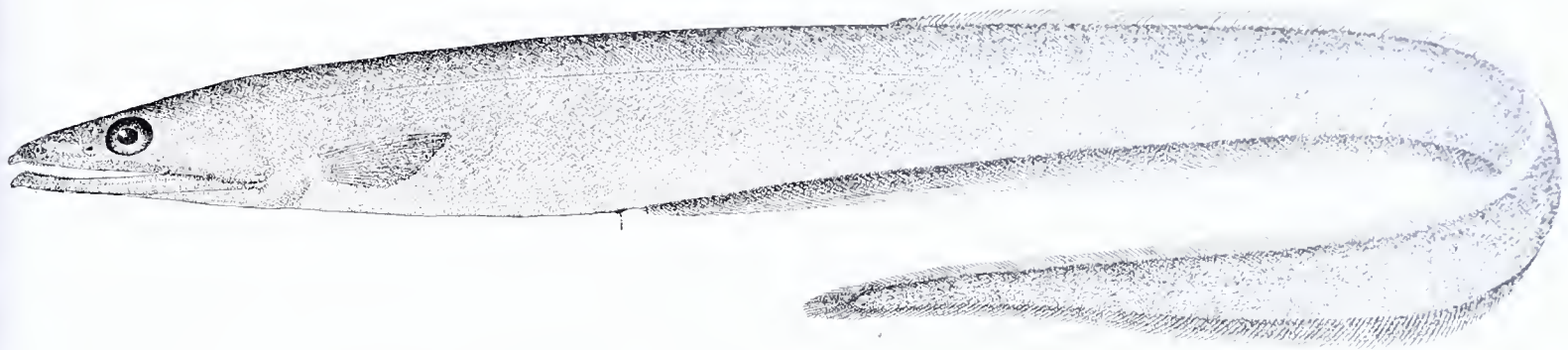


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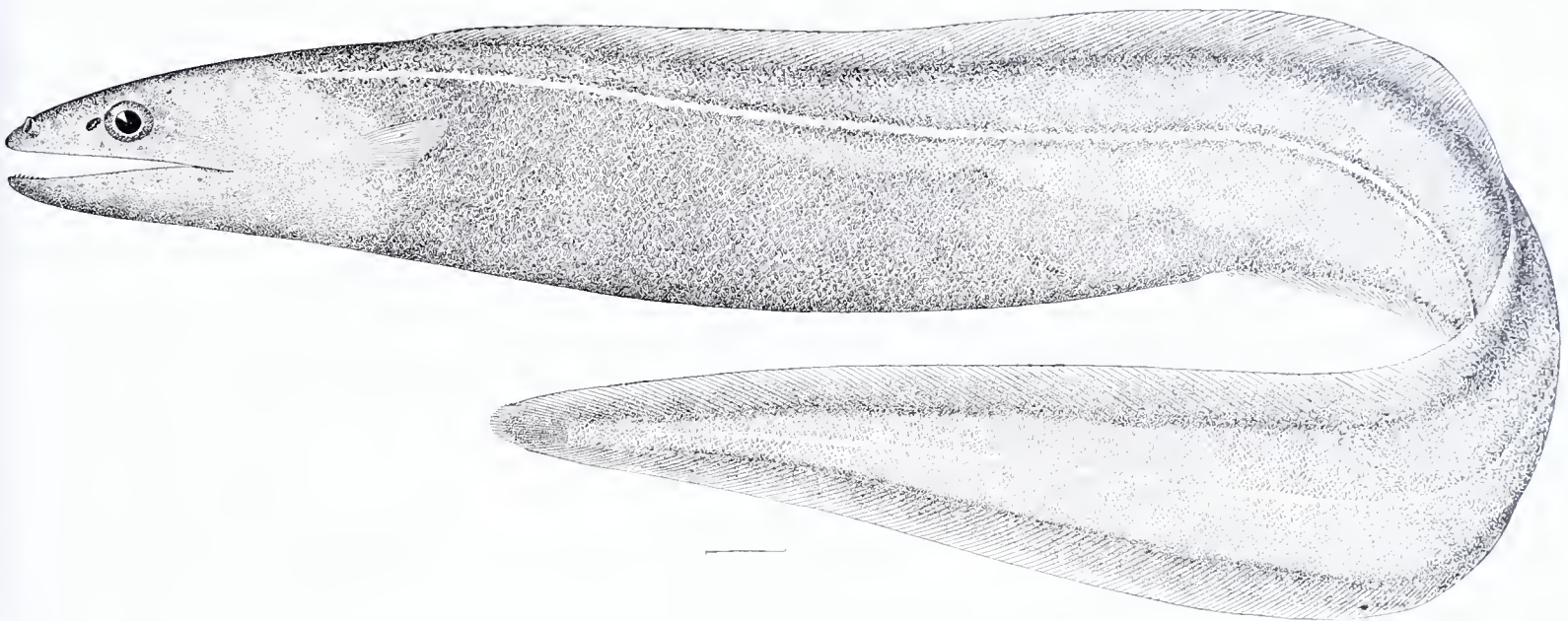


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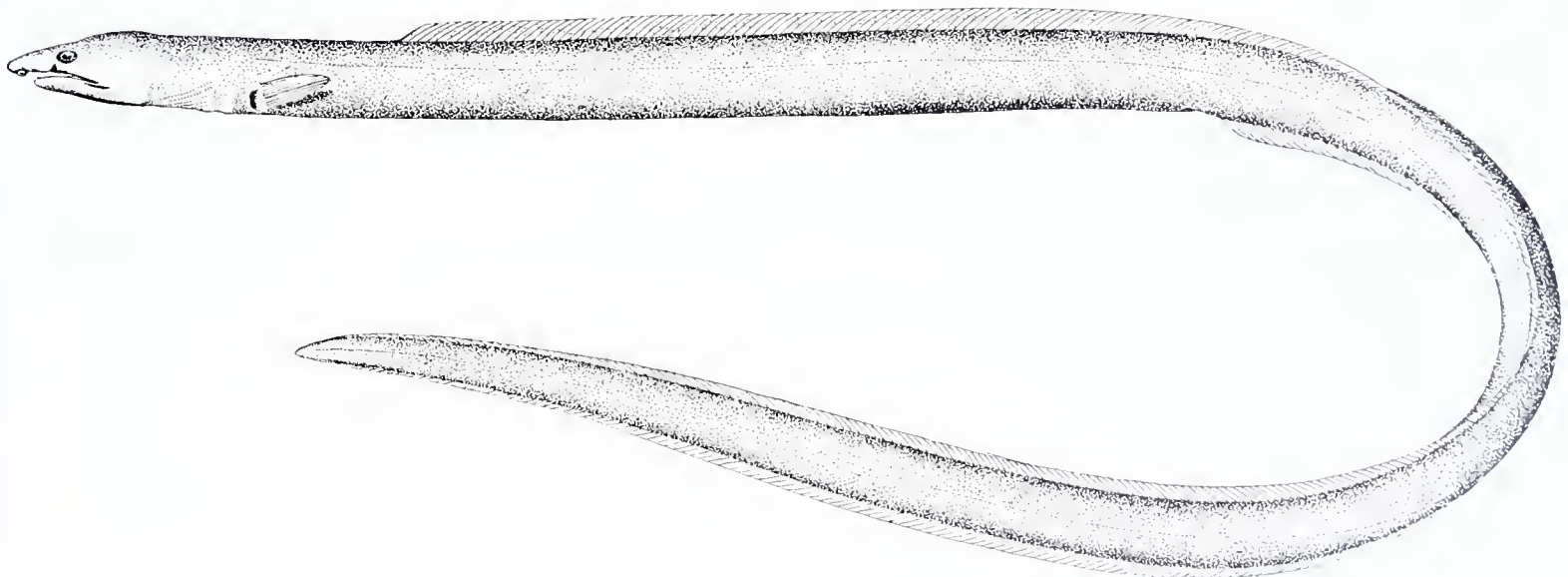
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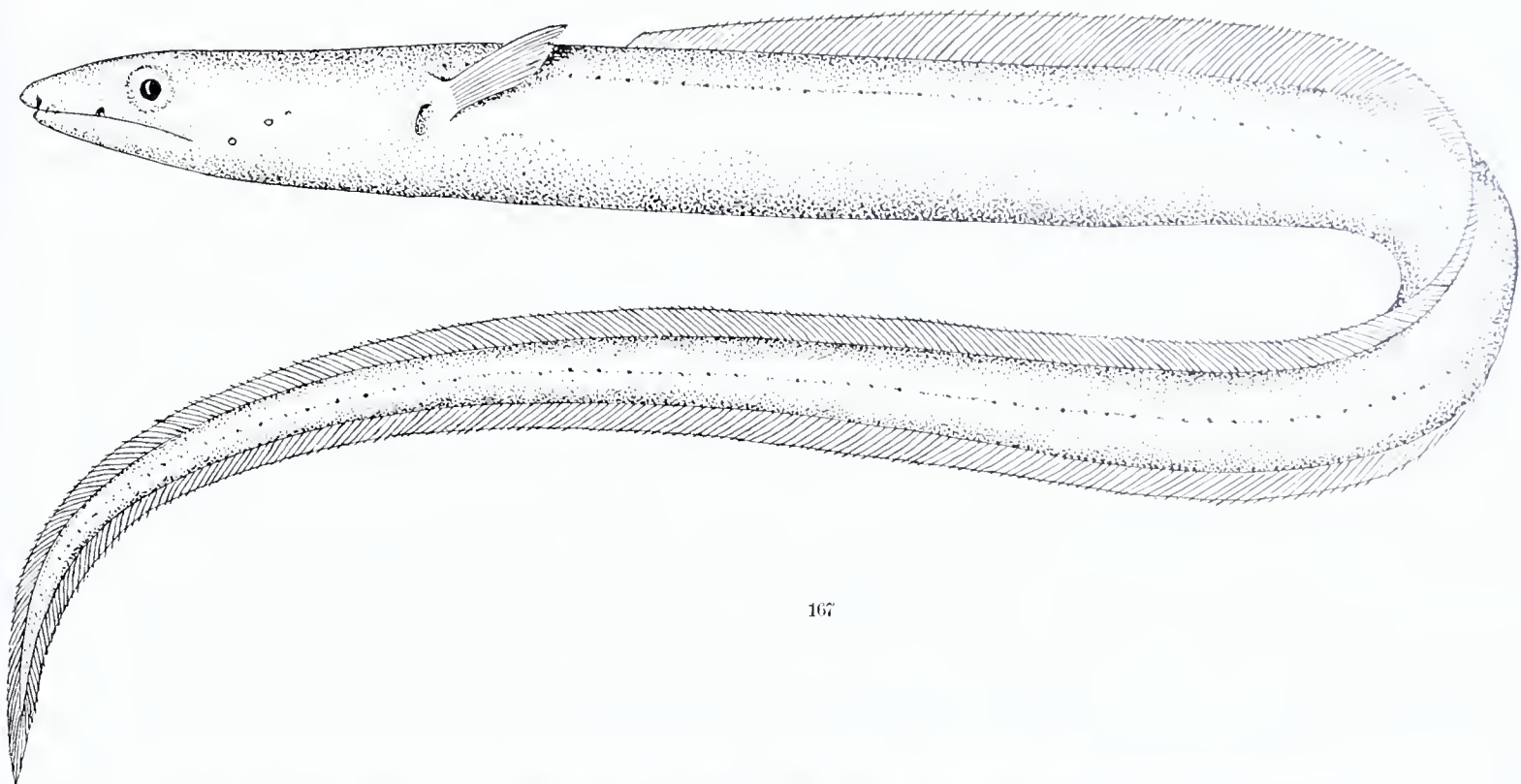


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164. SYNAPHOBANCHUS PINNATUS. (p. 143.)

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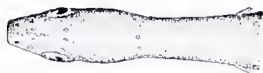
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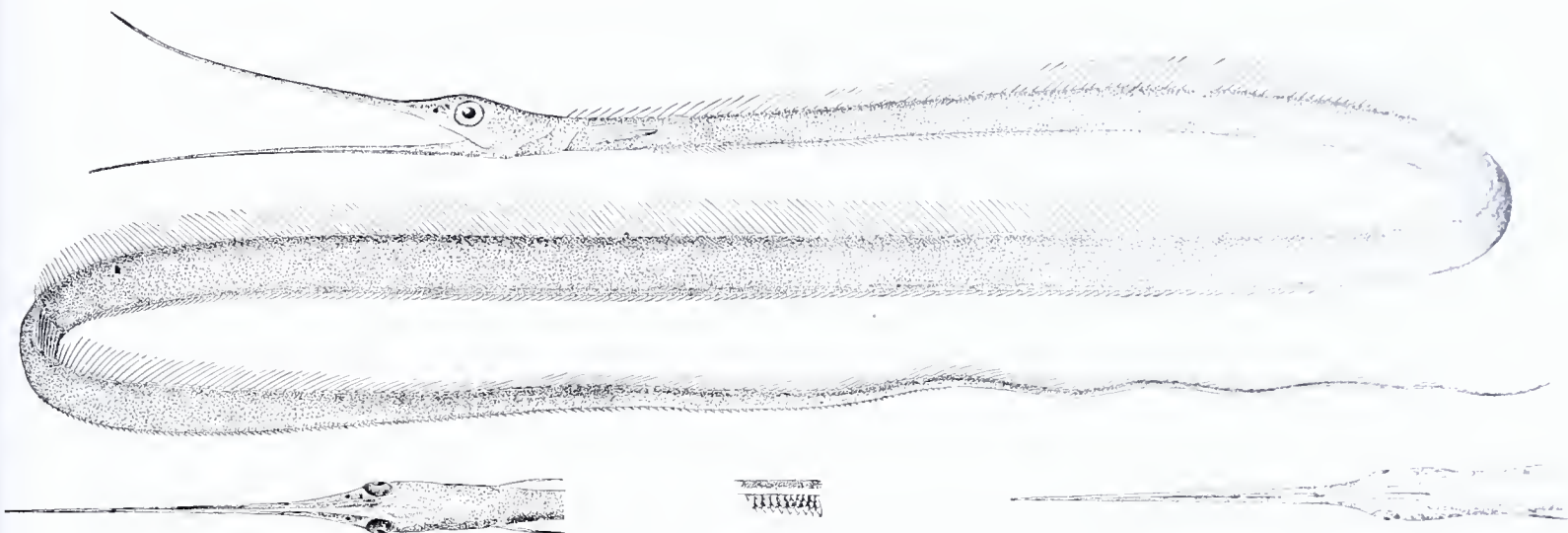
169b



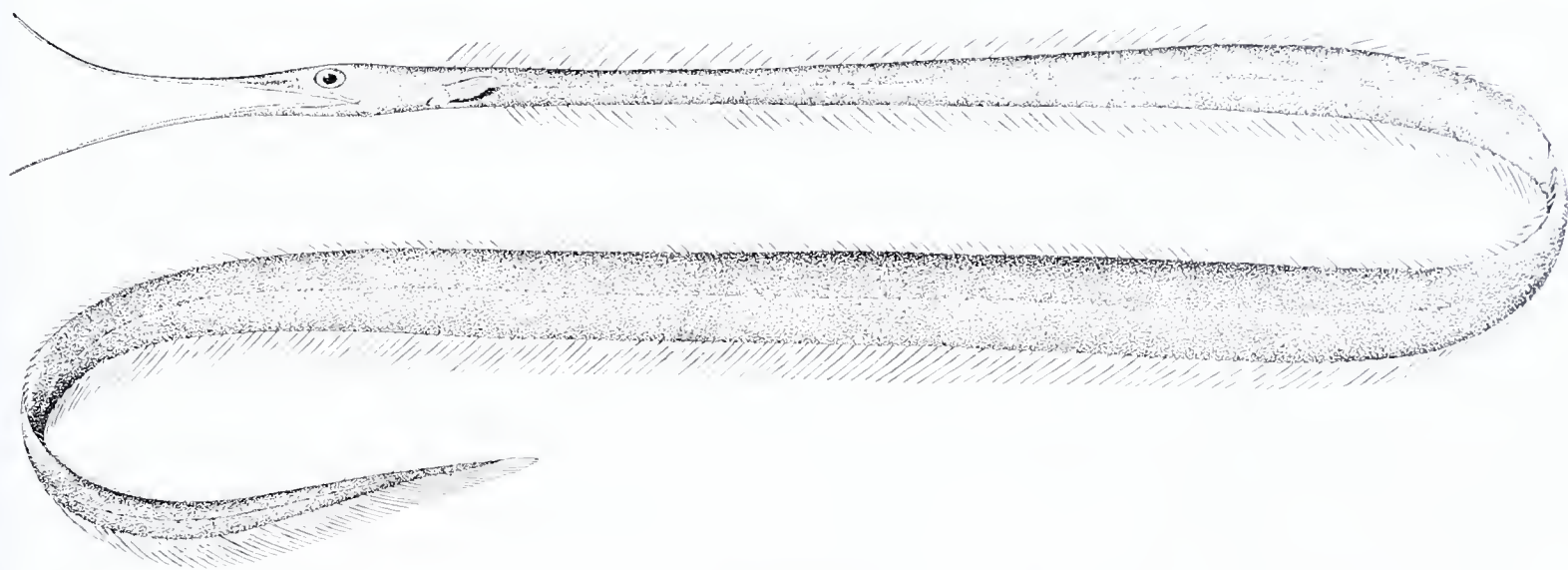
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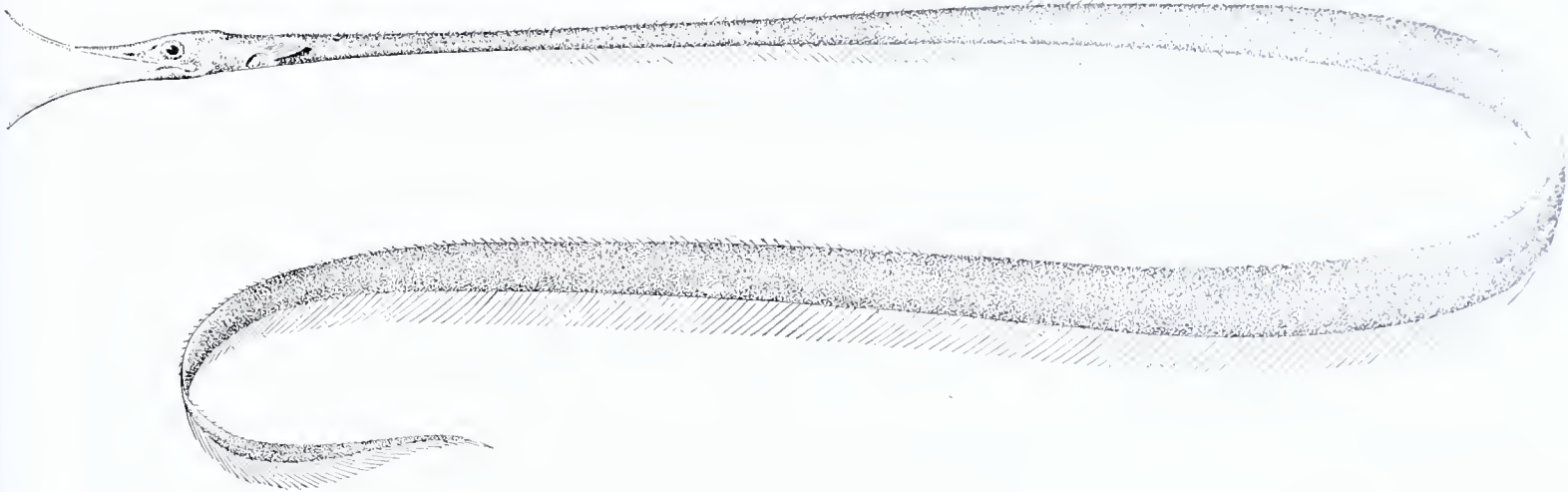


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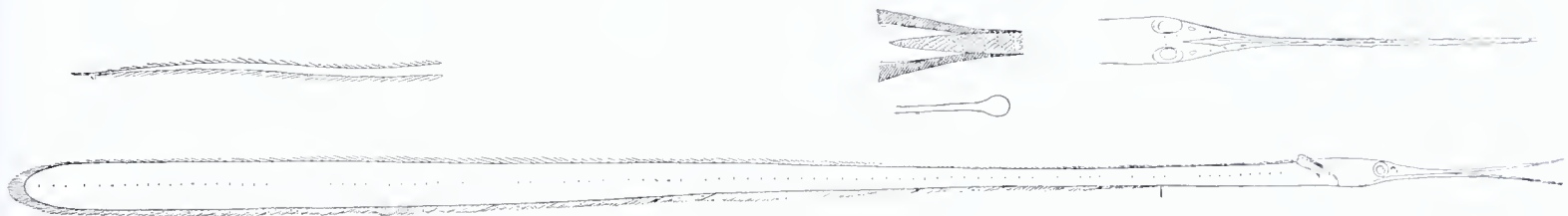
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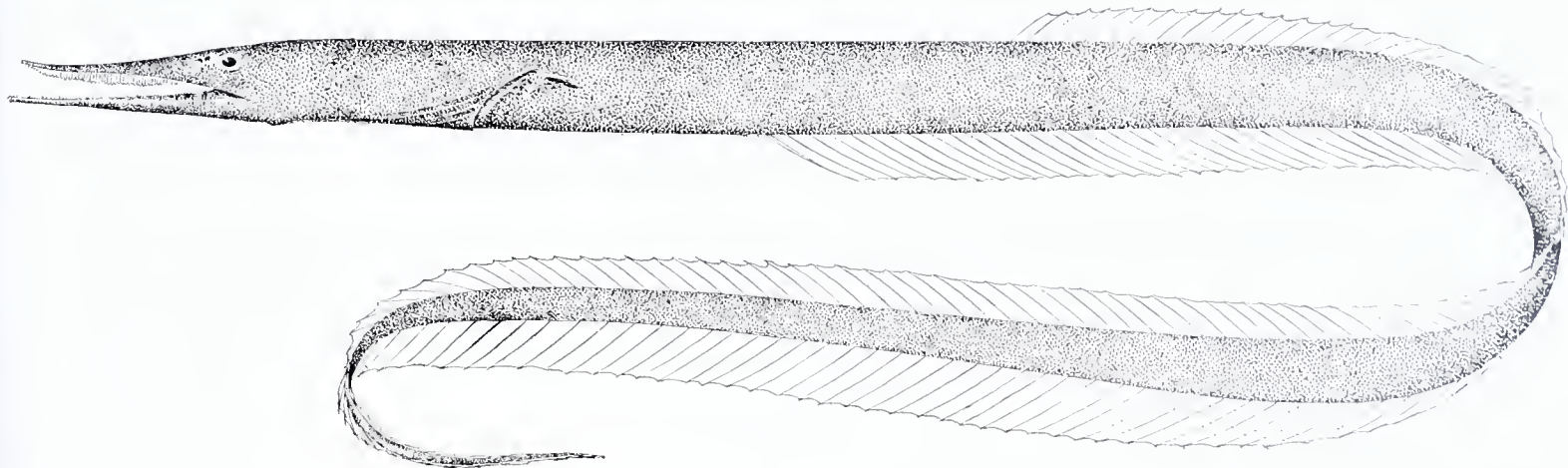
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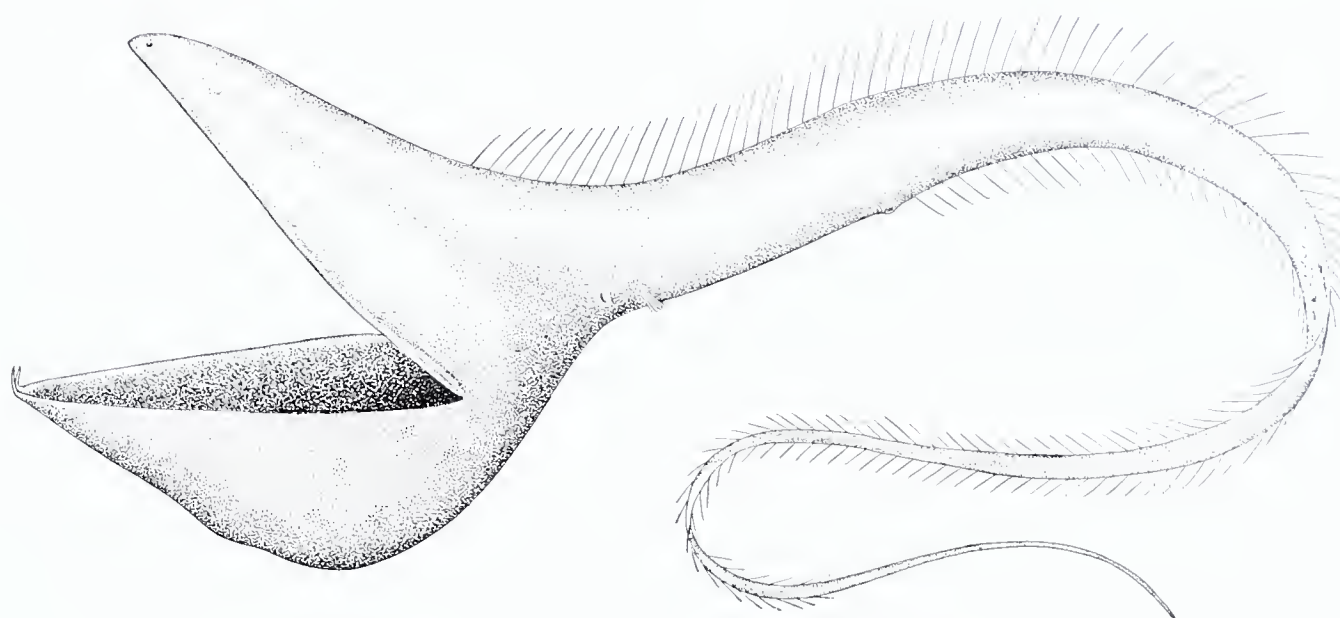
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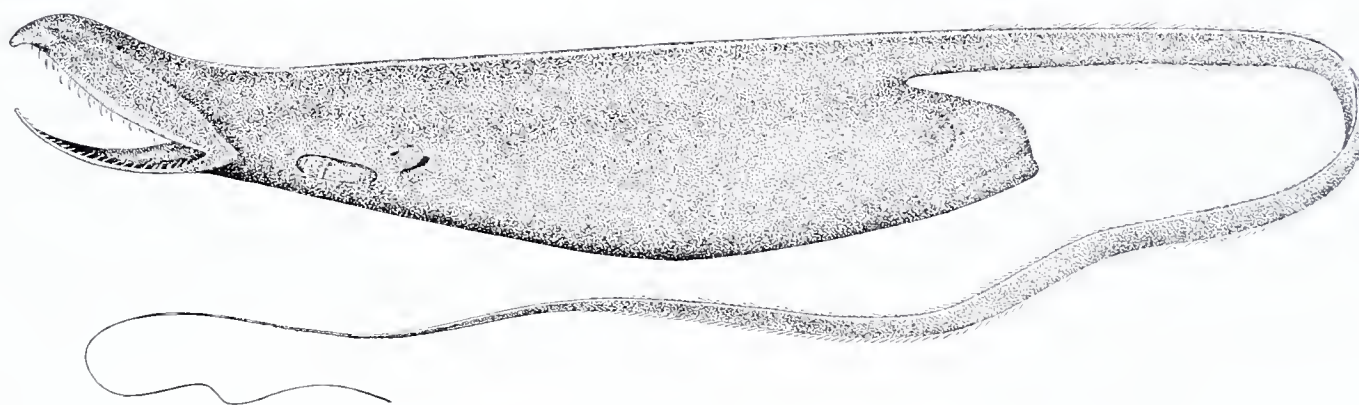
175. SERRIVOMER BEANII. (p. 155.)



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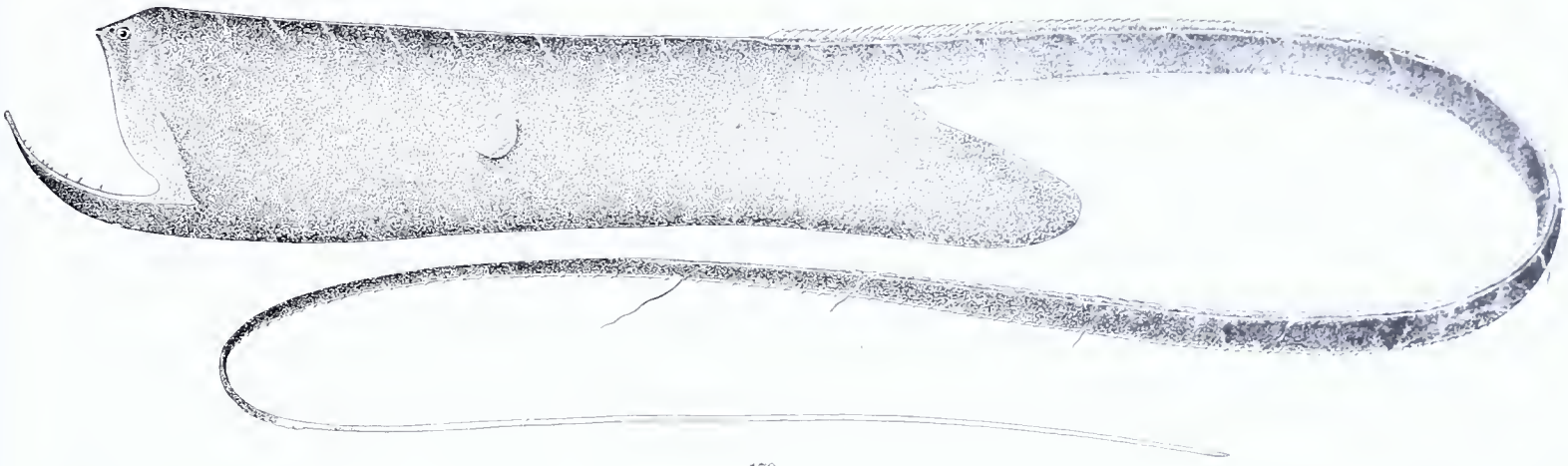


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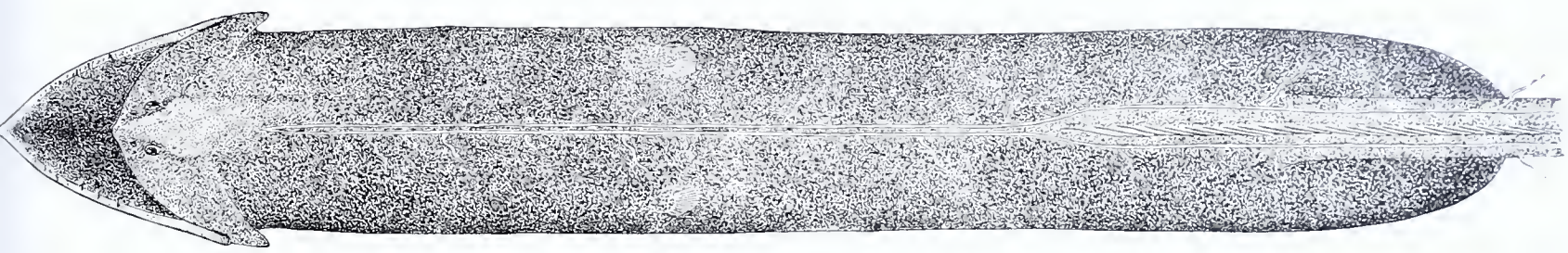
176. *CYEMA ATRUM*. (p. 154.)

177. *EURYPHARYNX PELECANOIDES*. (p. 157.)

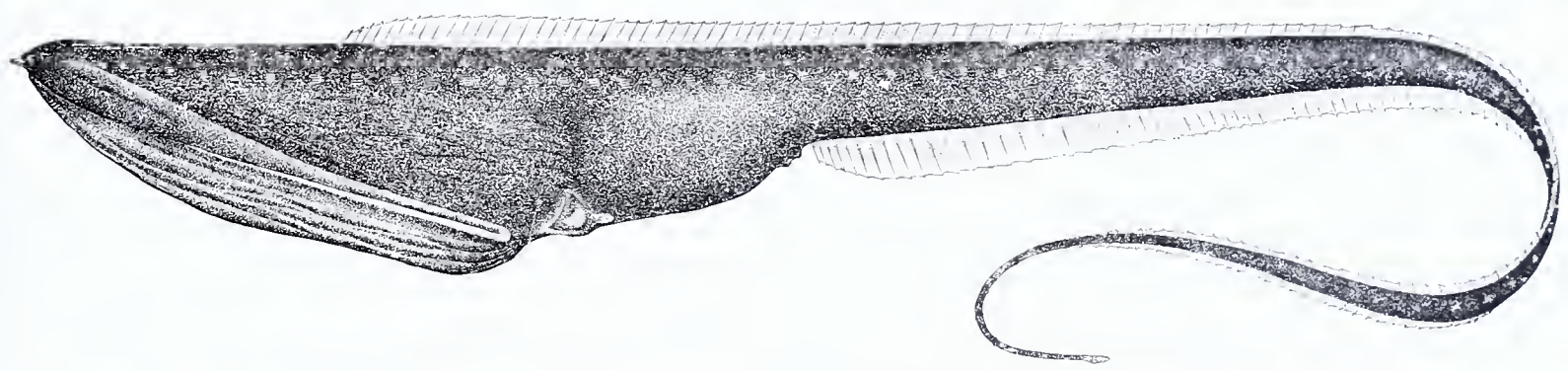
178. *SACCOPHARYNX FLAGELLUM*. (p. 159.)



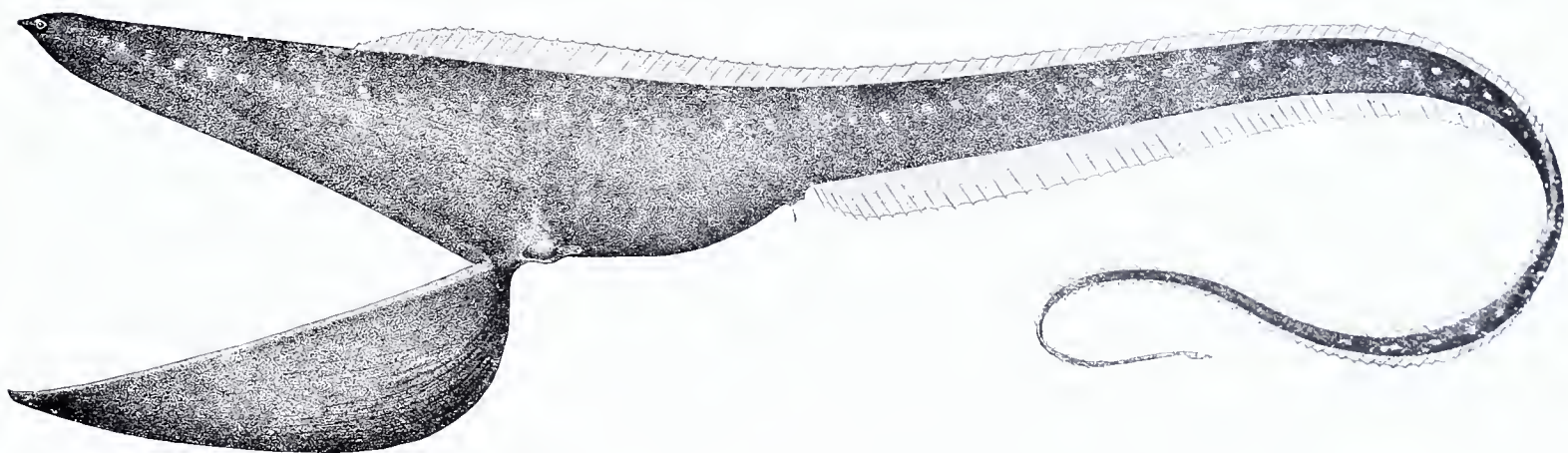
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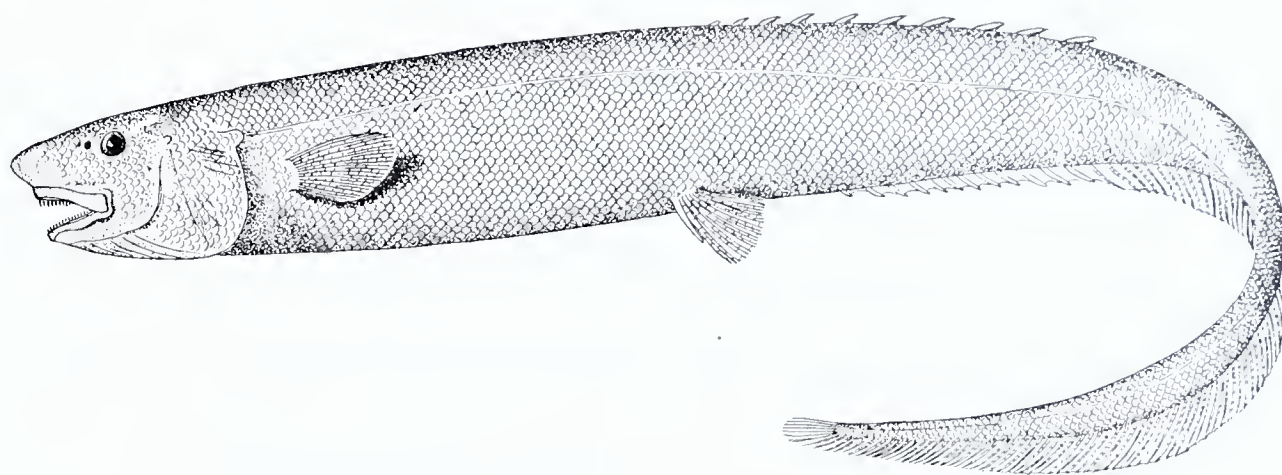
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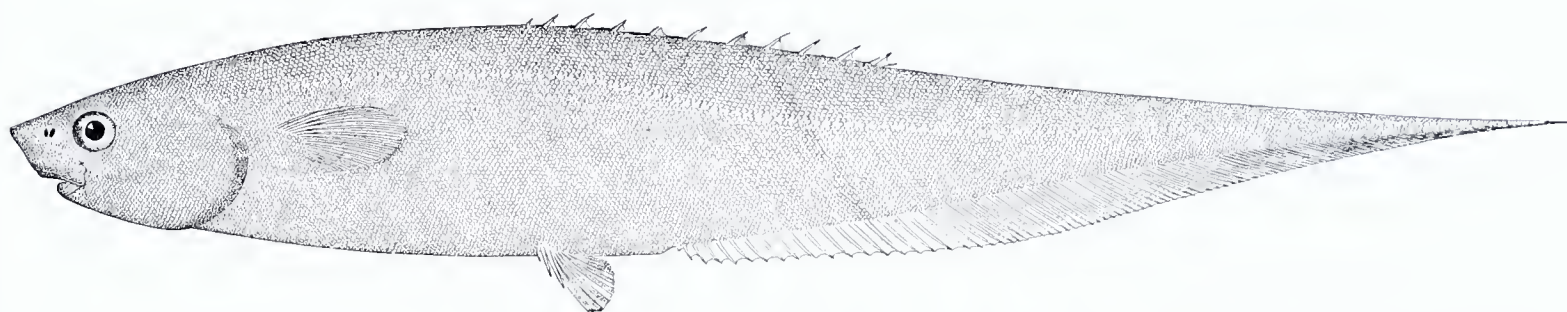
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179, 180. SACCOPHARYNX FLAGELLUM. (p. 157.)

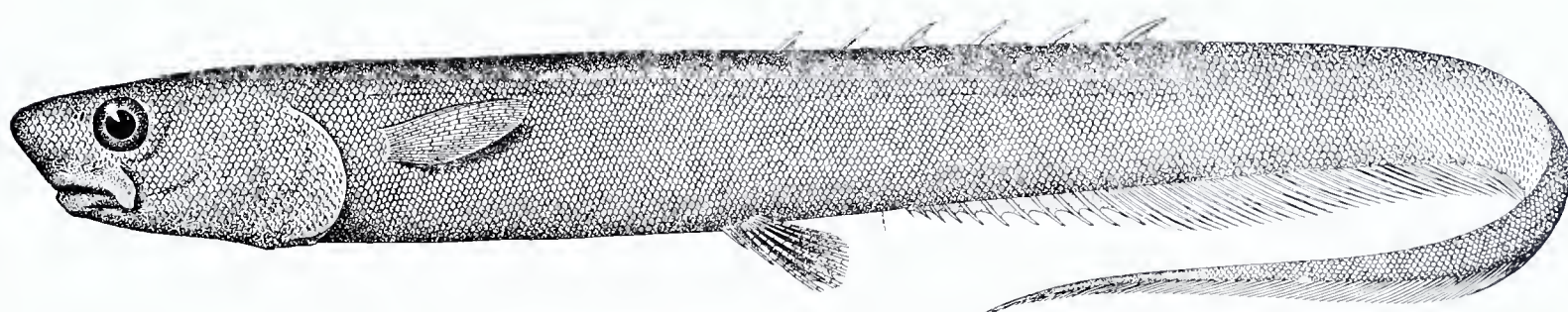
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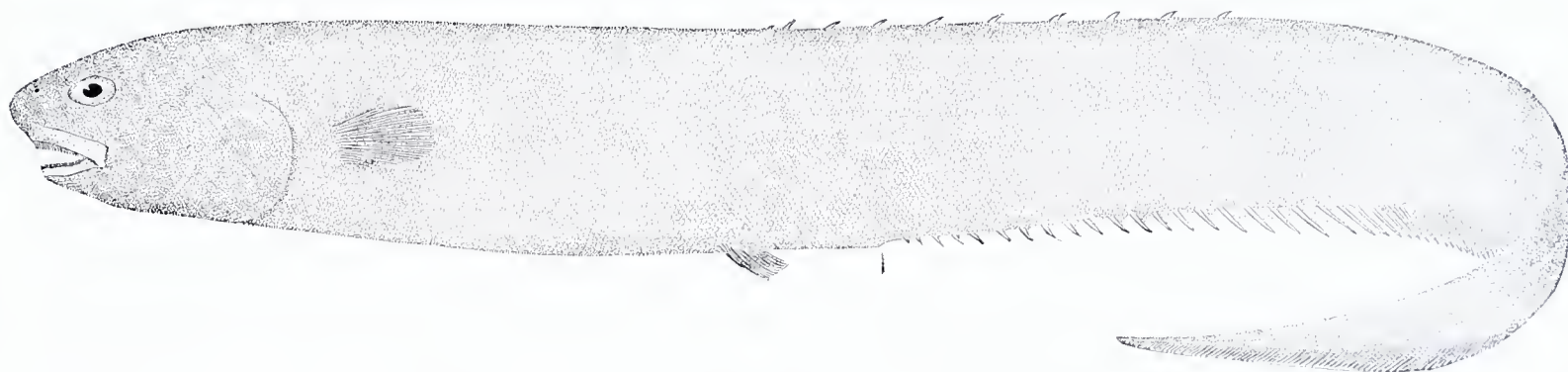
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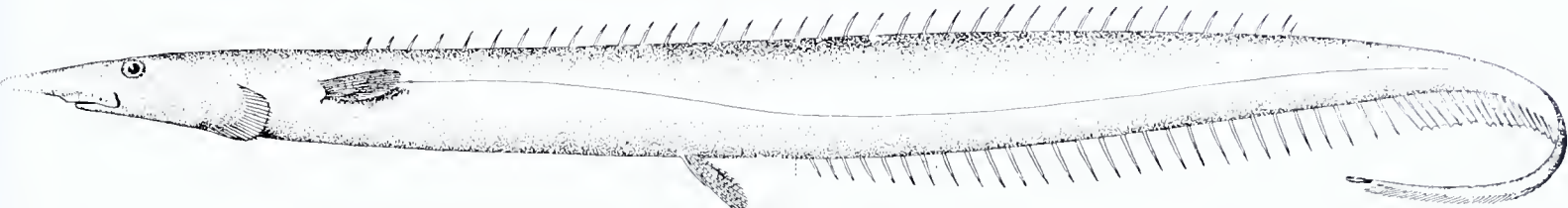
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183. NOTACANTHUS NASUS. (p. 164.)
185. NOTACANTHUS BONAPARTII. (p. 166.)

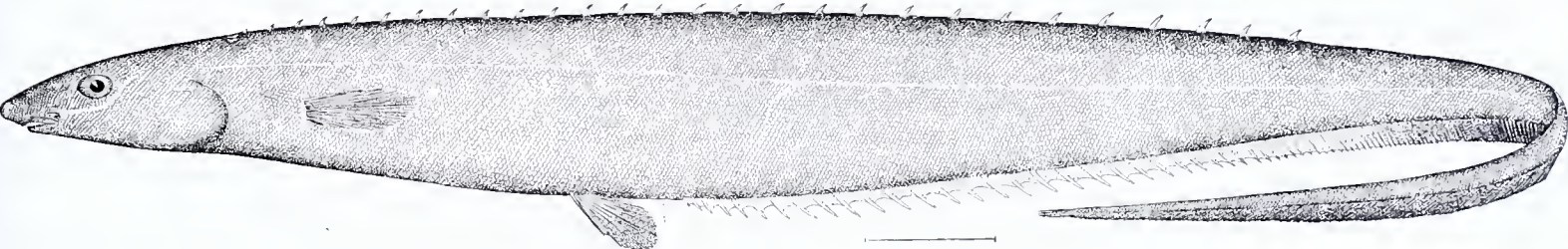
184. NOTACANTHUS ANALIS. (p. 165.)
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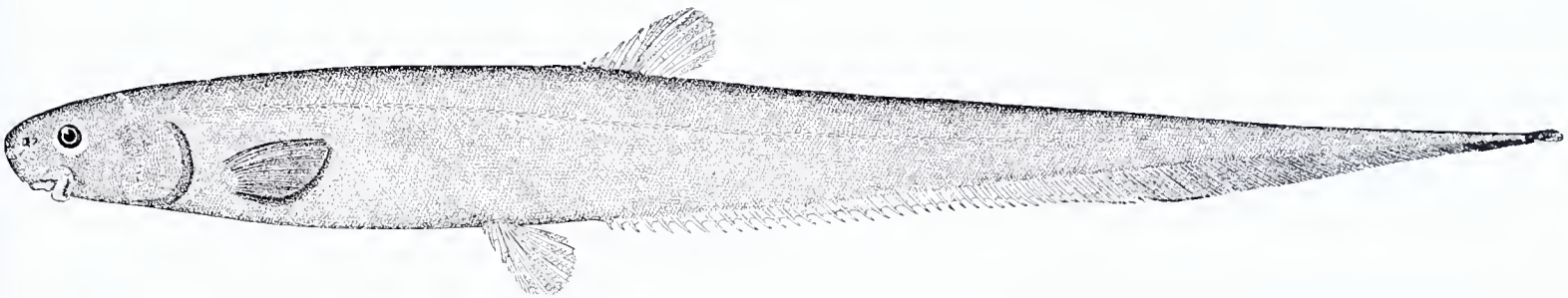
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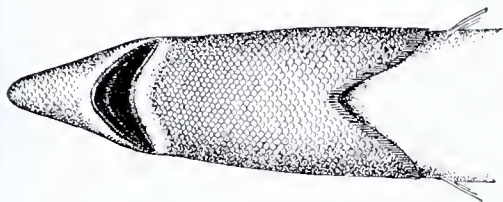
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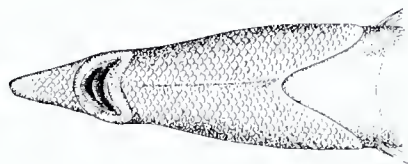
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187. GIGLICLIA MOSELEYI. (p. 169.)
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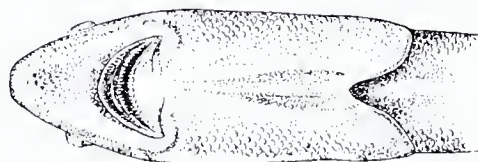
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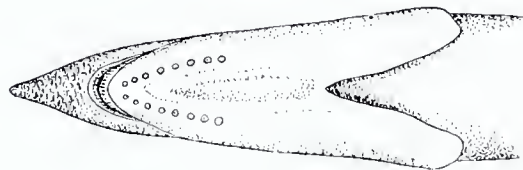
191a.



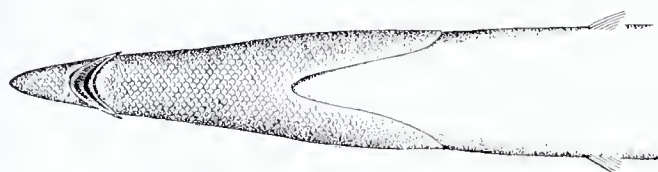
192a.



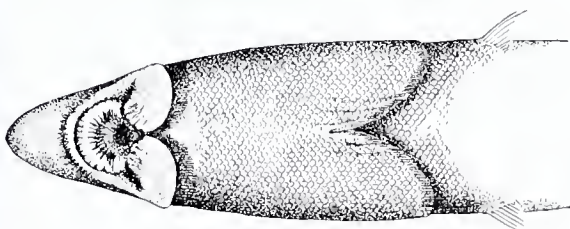
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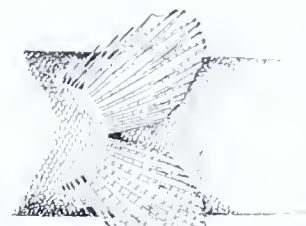
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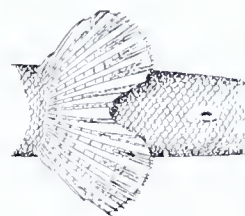
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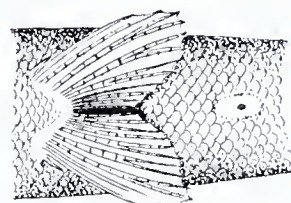
196a.



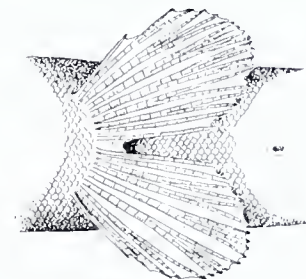
191b.



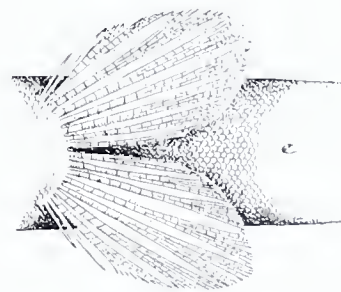
192b.



194b.



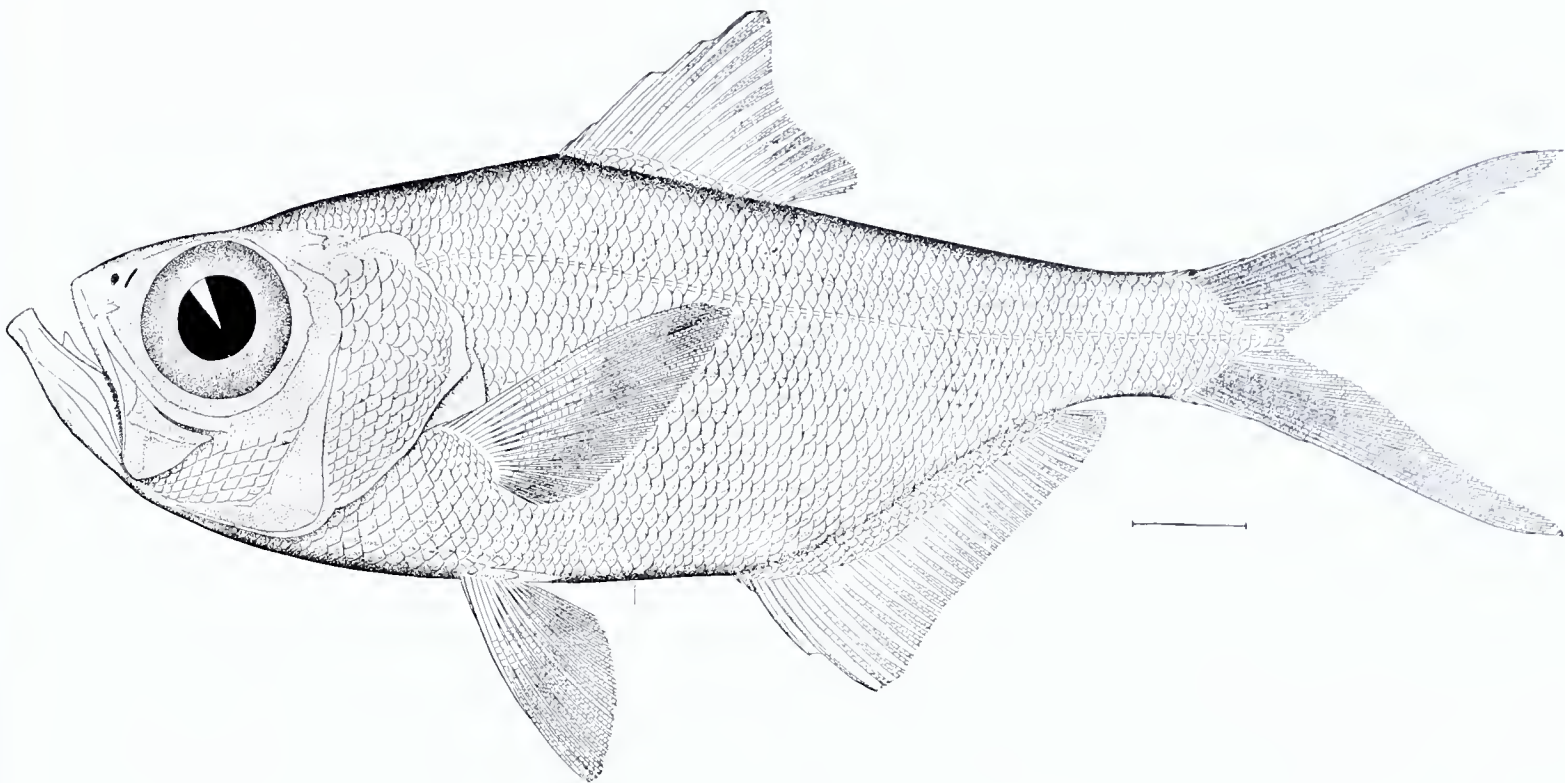
195b.



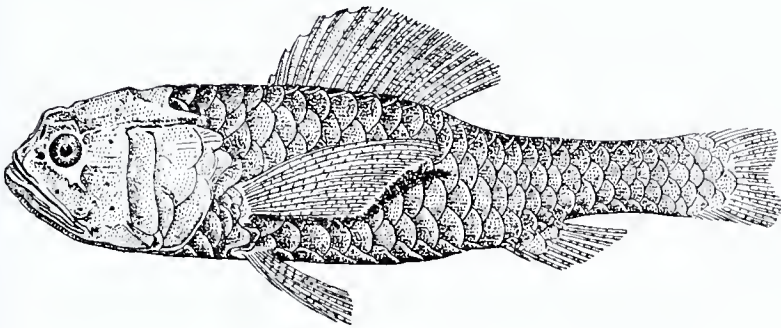
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191a, b. NOTACANTHUS ANALIS. (p. 165.)
 193. GIGLIOLIA MOSELEYI. (p. 169.)
 195a, b. MACDONALDIA ROSTRATA. (p. 171.)

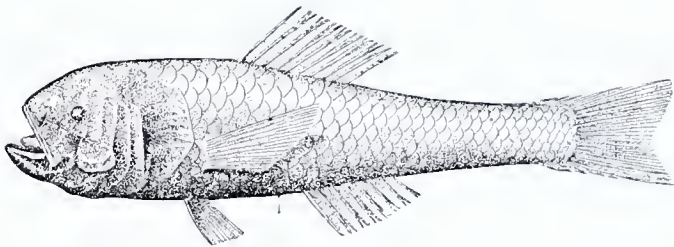
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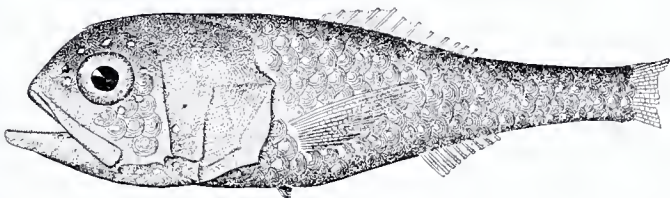
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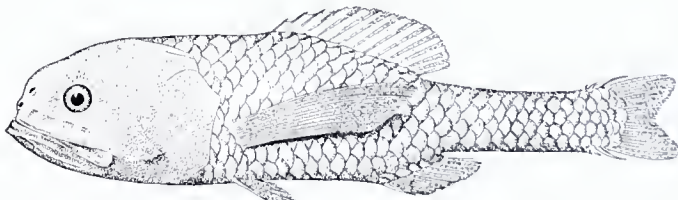
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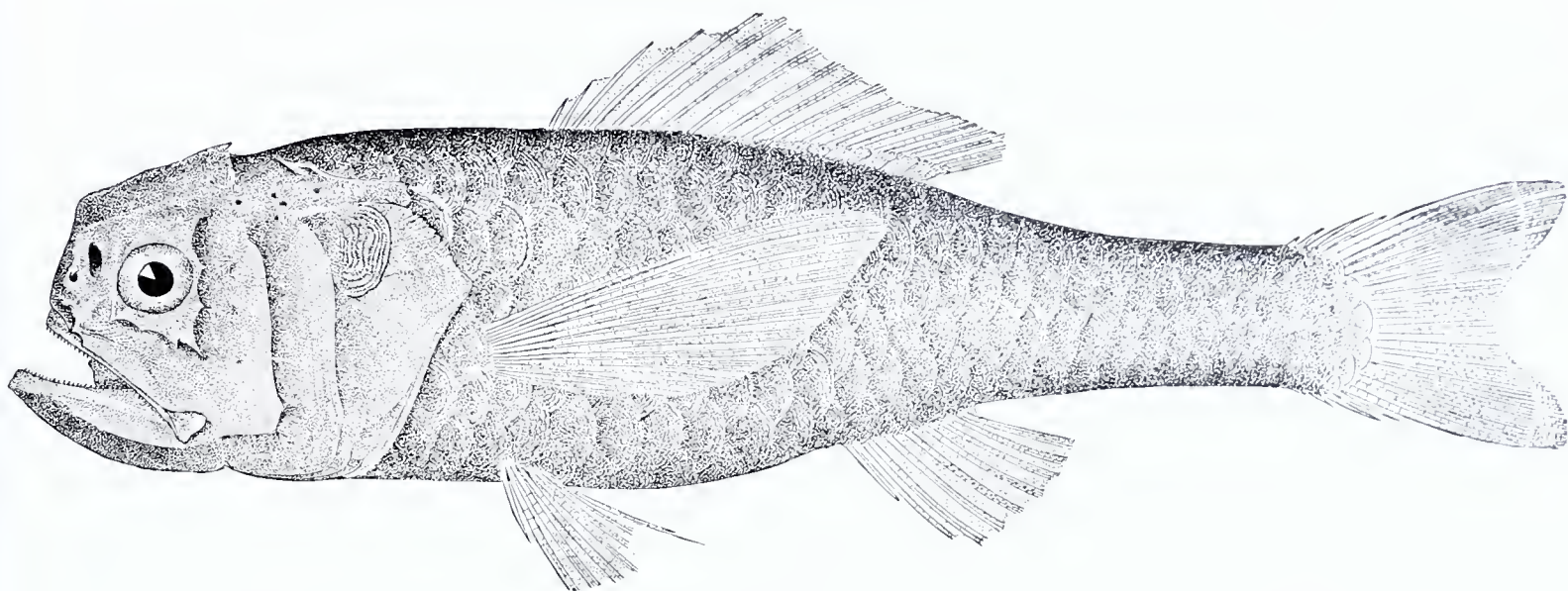


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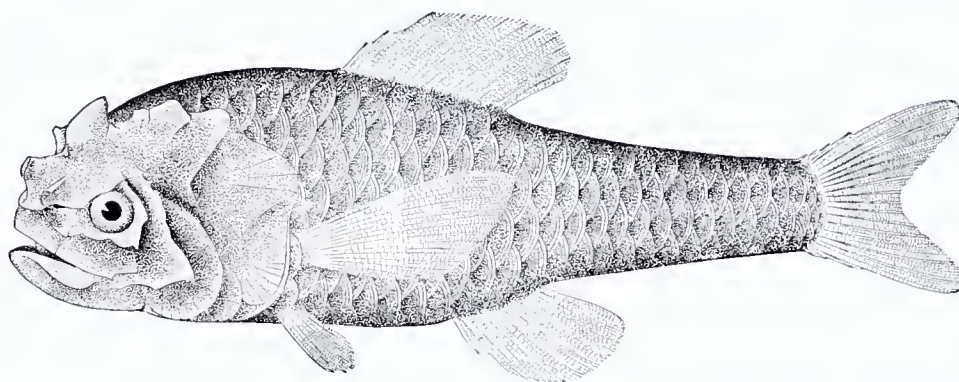


200a

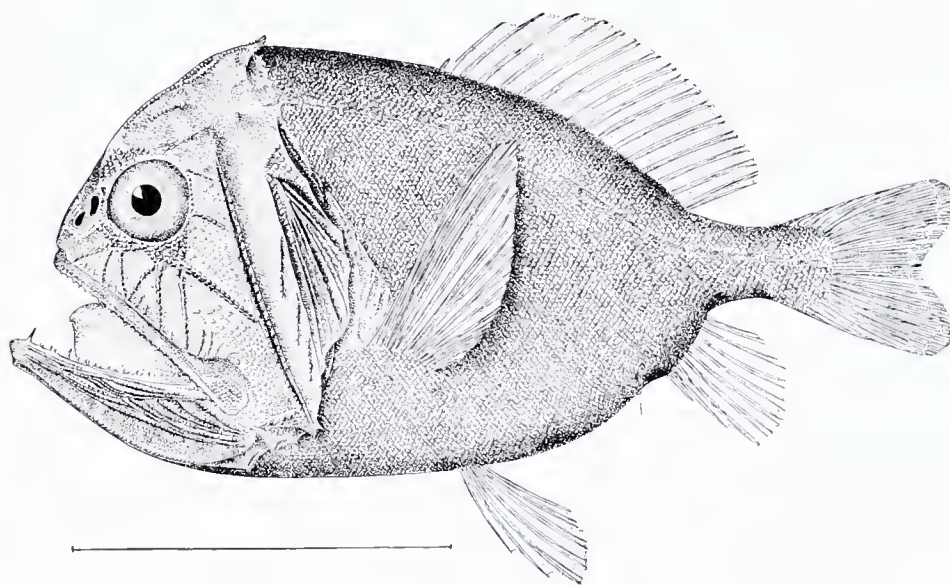
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199. SCOPELOGADUS COCLES. (p. 182.)
200. POROMITRA CAPITO. (p. 183.)
200a. PLECTROMUS CRASSICEPS. (p. 180.)



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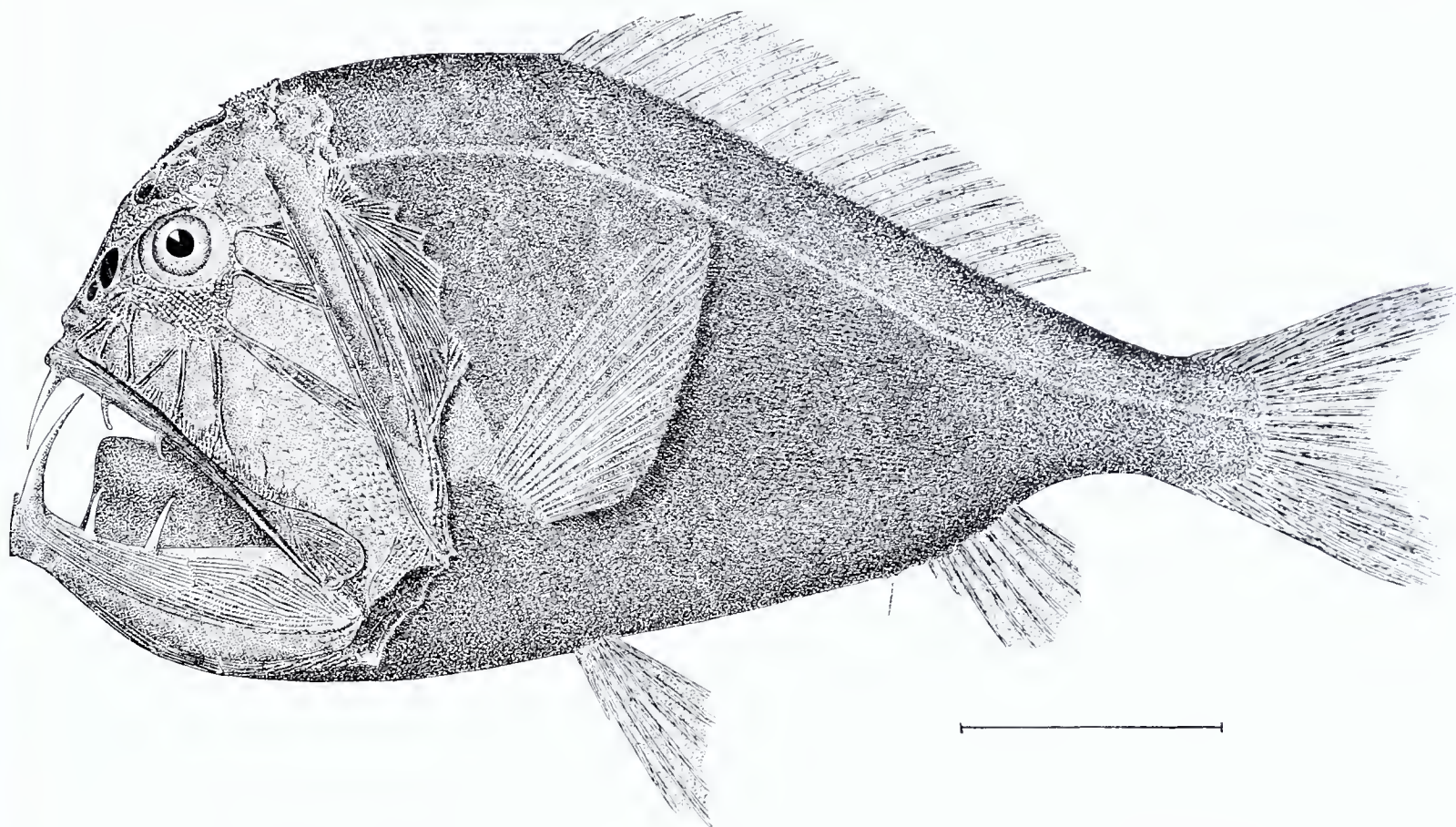


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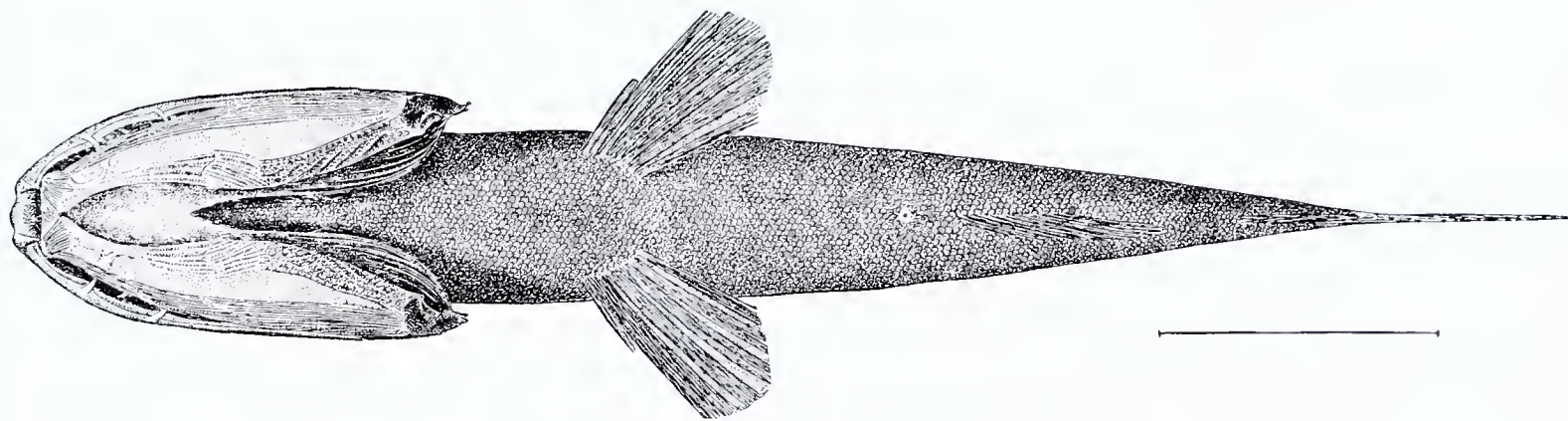
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202. PLECTROMUS BEANII. (p. 179.)

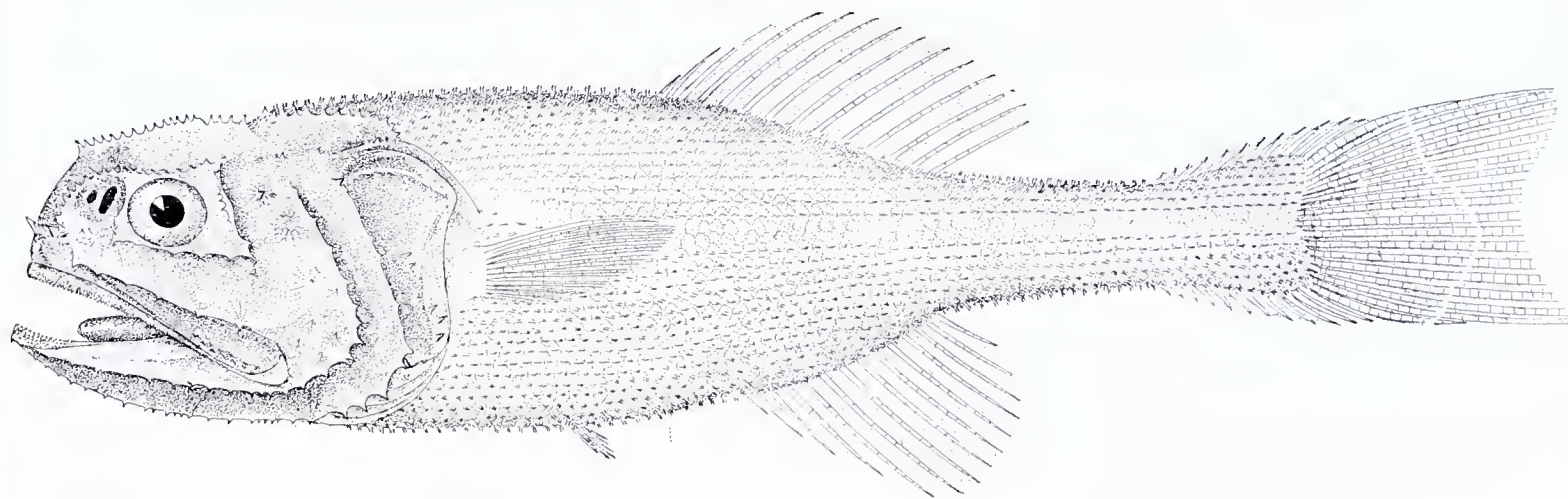
203. ANOPOLOGASTER CORNUTUS. (p. 184.)



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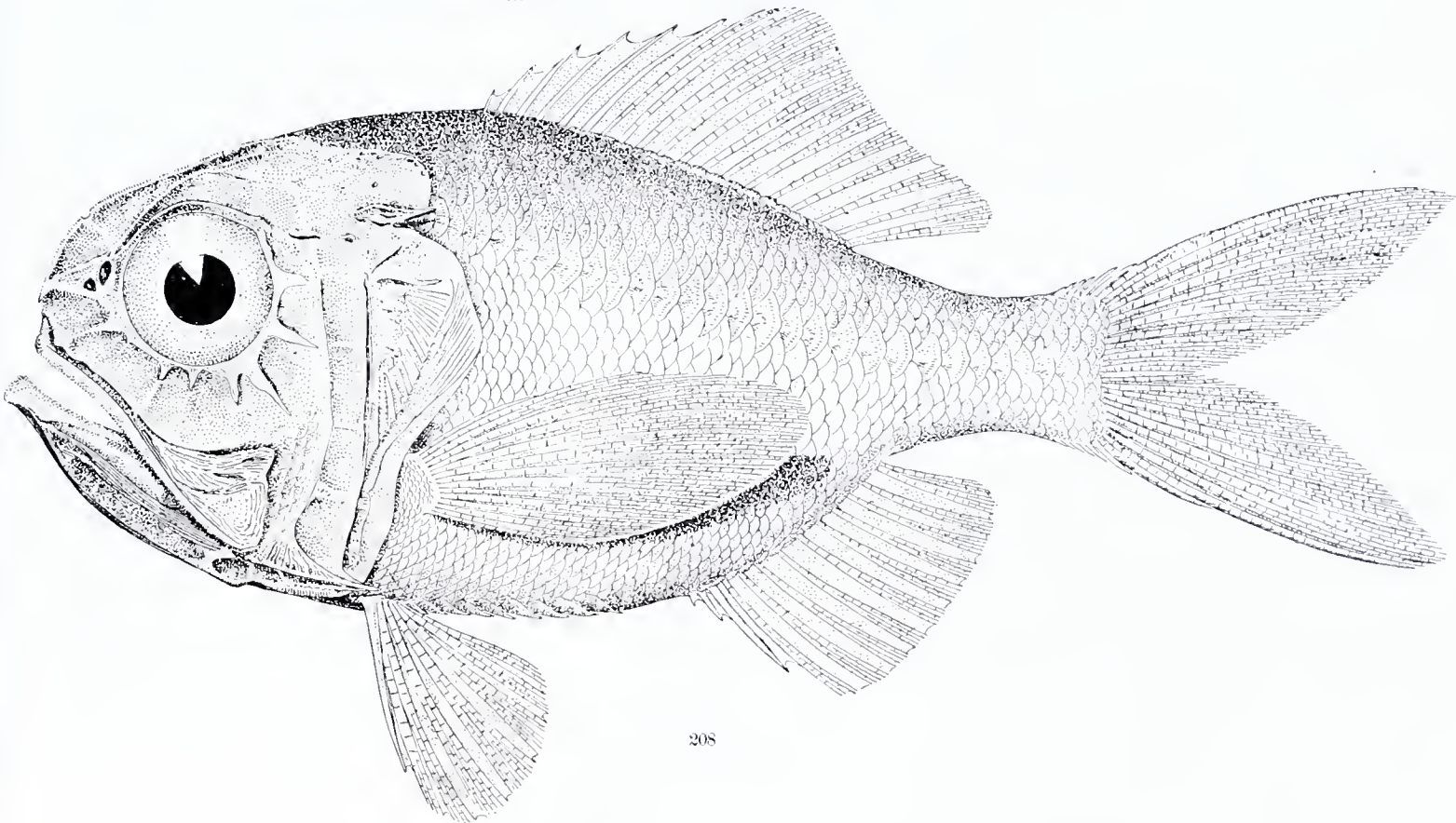
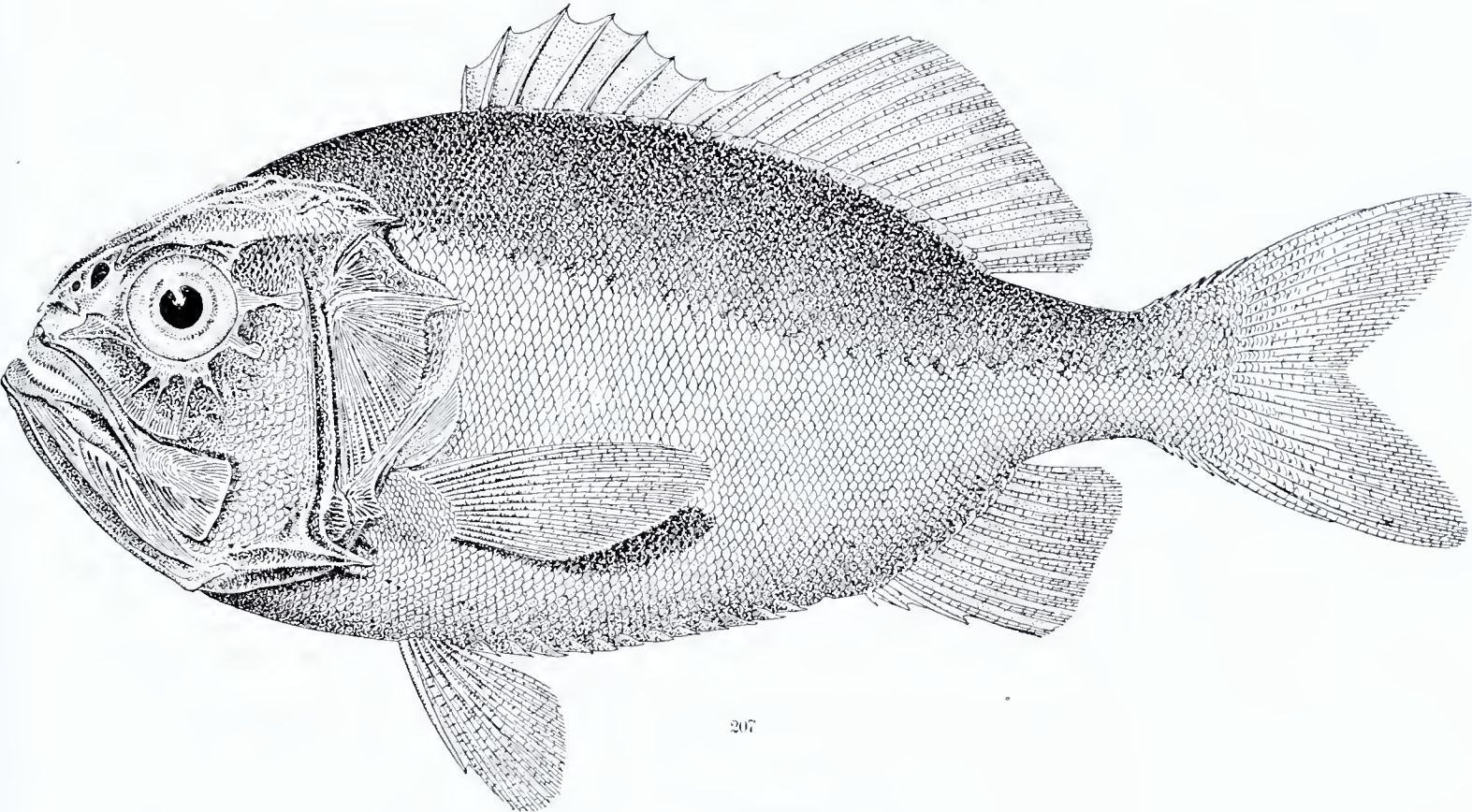
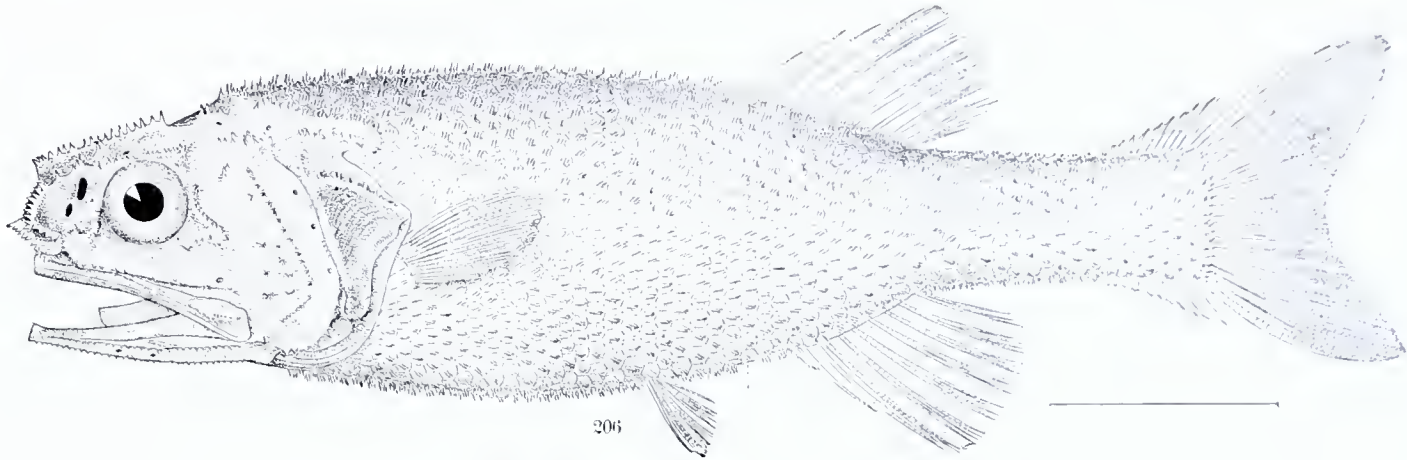
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204, 204a. CAULOLEPIS LONGIDENS. (p. 185.)

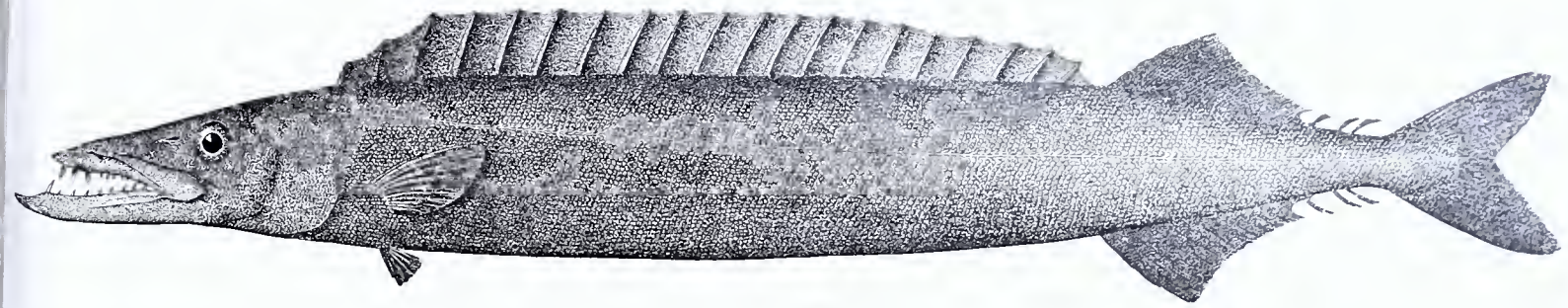
205. STEPHANOBERYX MONÆ. (p. 186.)



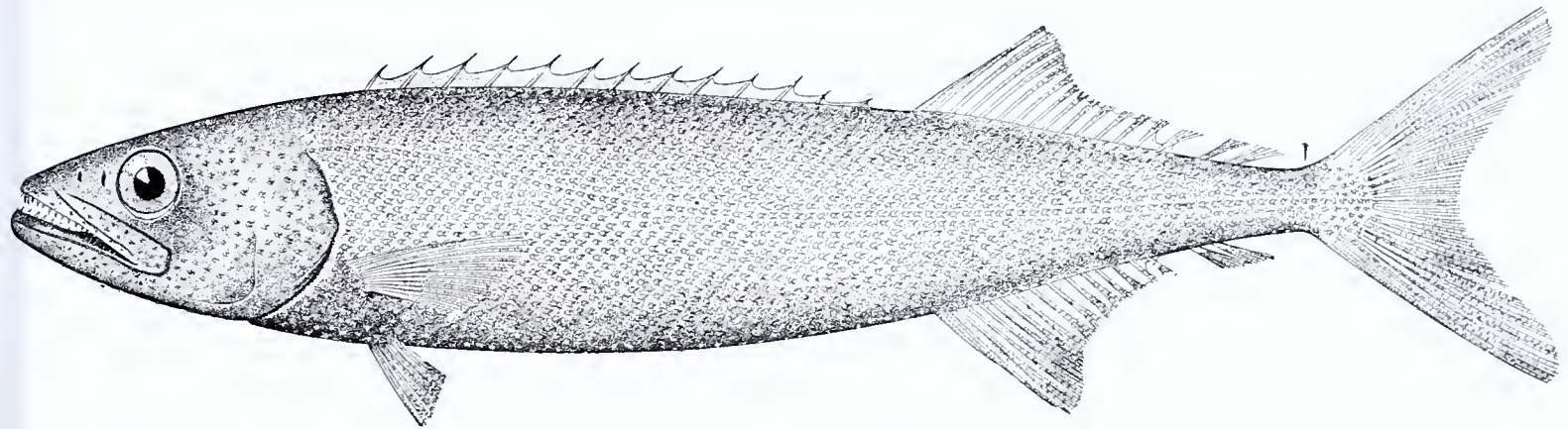
206. STEPHANOBERYX GILLII. (p. 187.)

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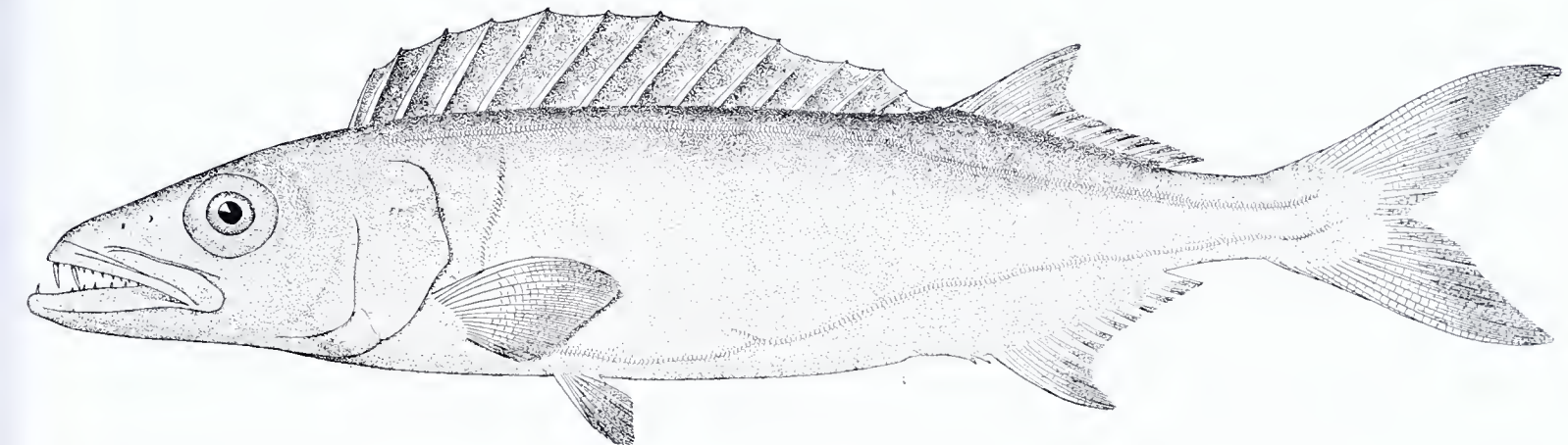
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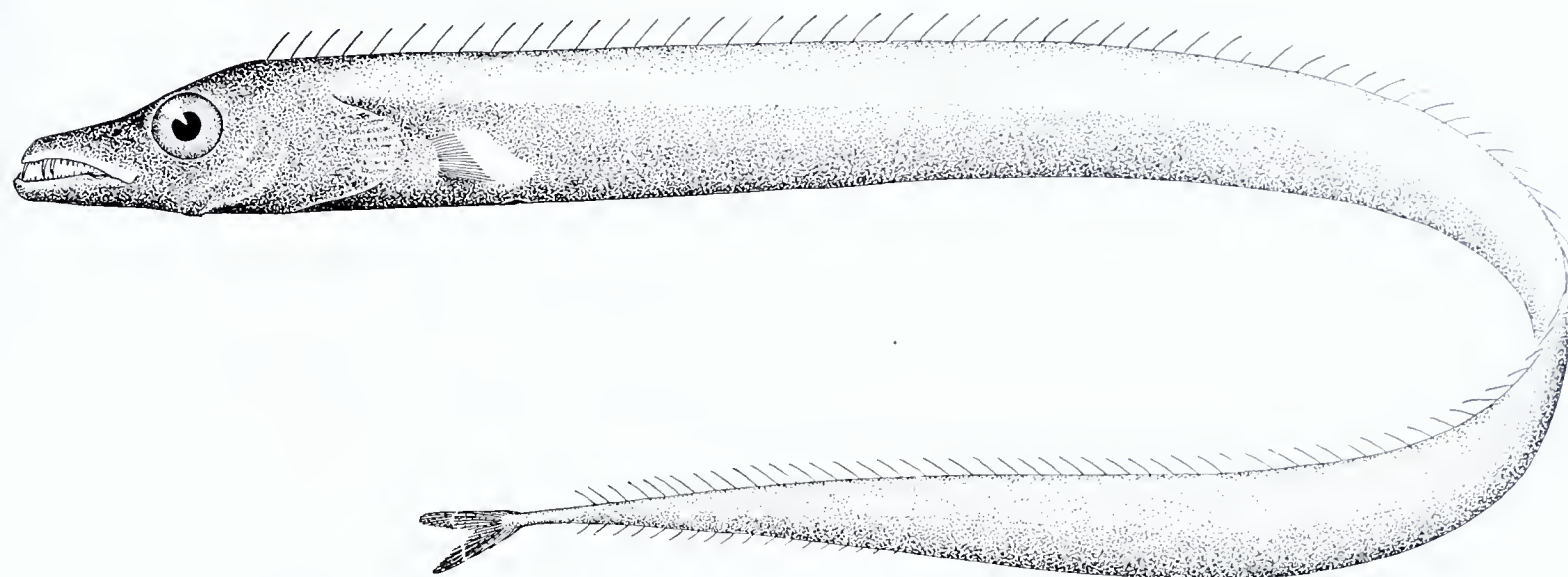
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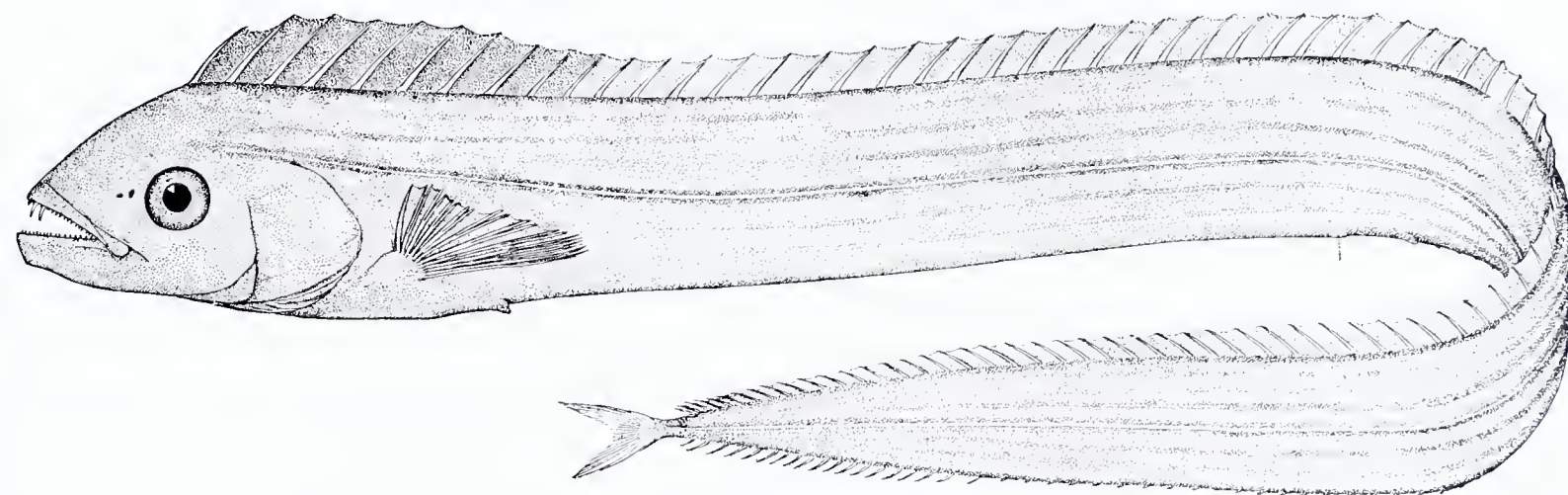
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209. *THYRSITOPS VIOLACEUS*. (p. 195.)
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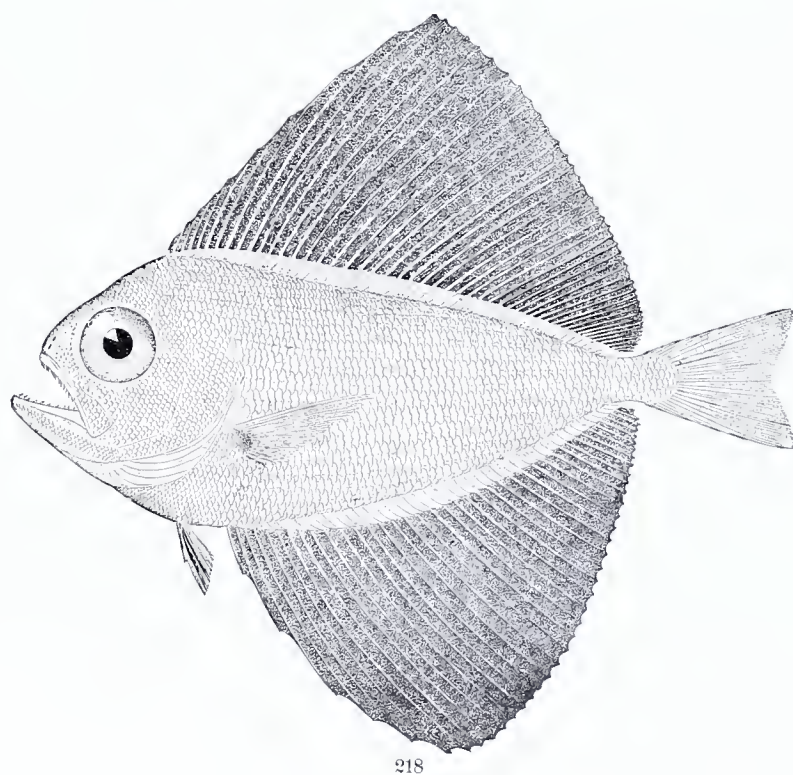
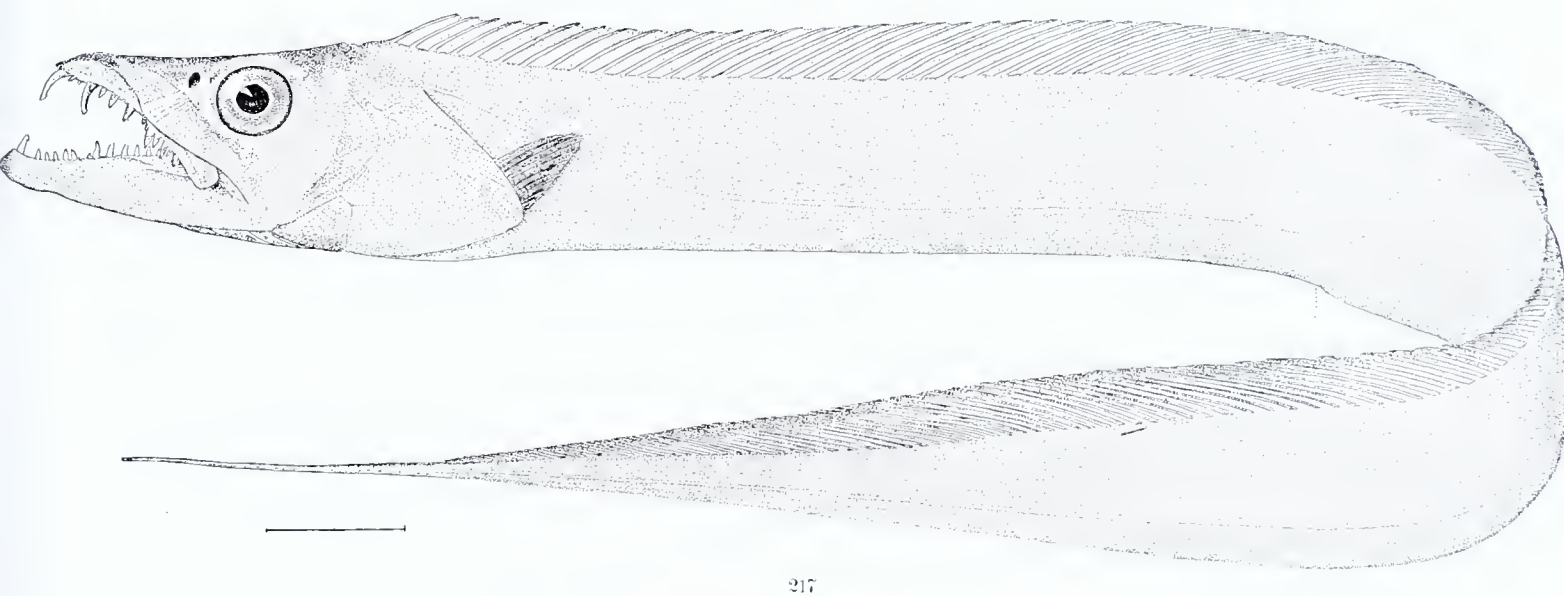
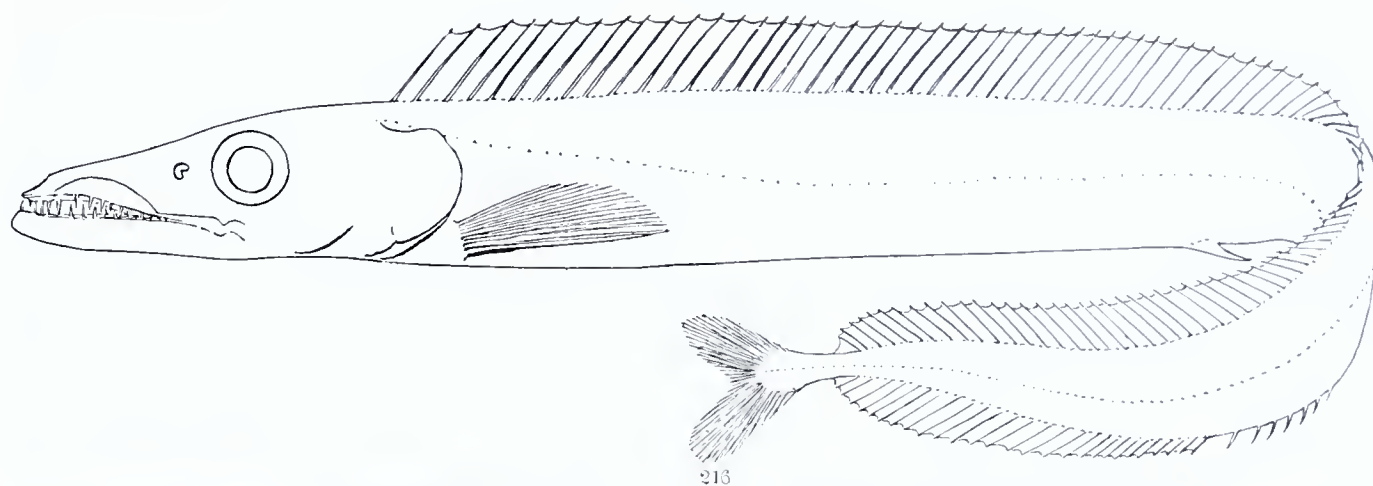


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213. *LEPIDOPUS CAUDATUS*. (p. 203.)

214. *EVOXYMETOPON TÆNIATUS*. (p. 204.)

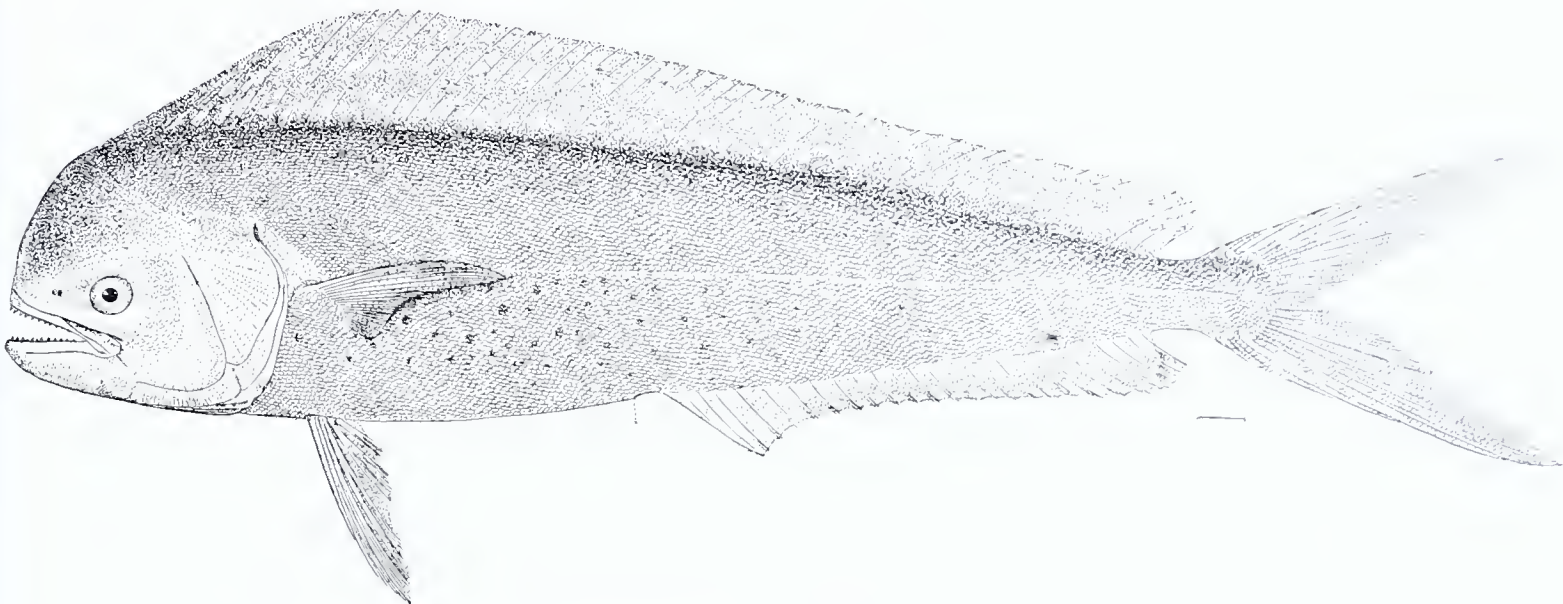
215. *BENTHODESMUS ATLANTICUS*. (p. 205.)



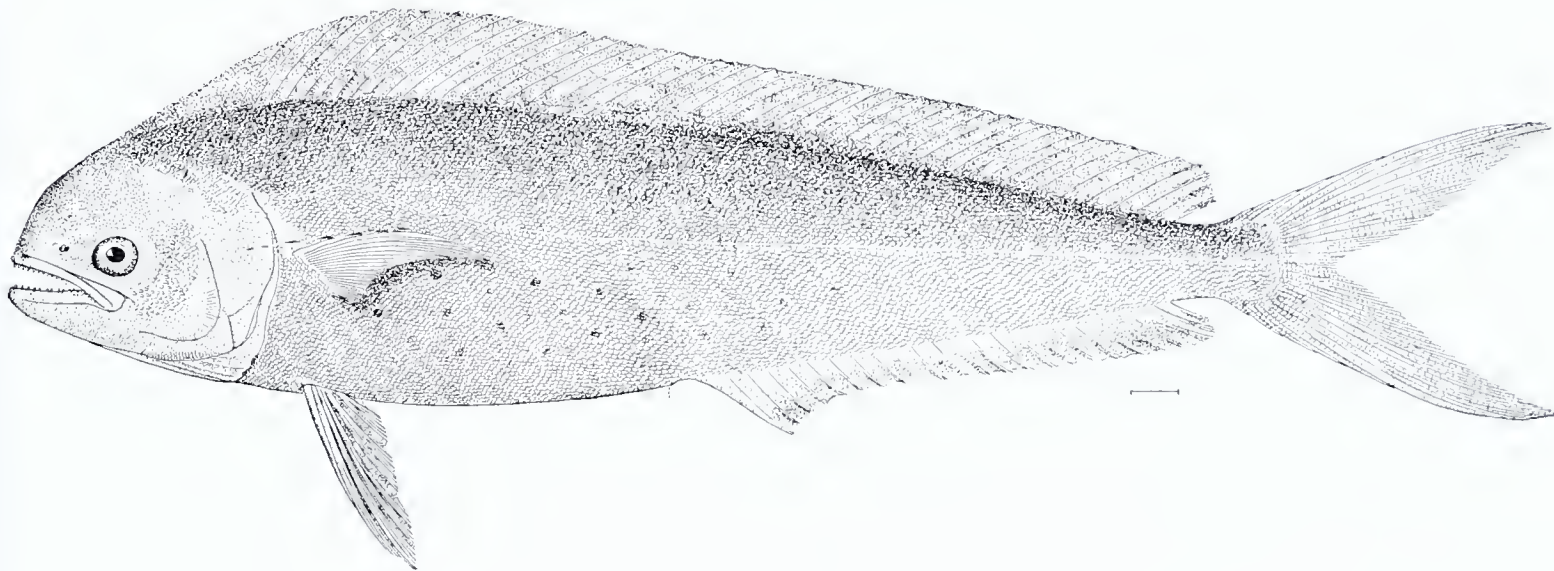
216. APHANOPUS CARBO. (p. 207.)

217. TRICHIURUS LEPTURUS. (p. 208.)

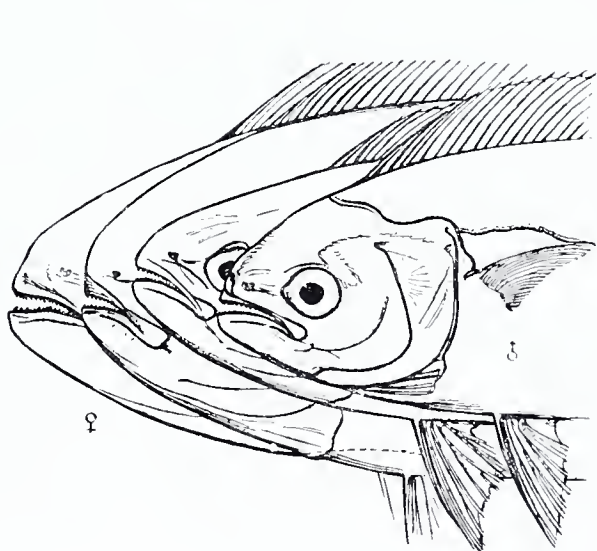
218. PTERACLIS CAROLINUS. (p. 212.)



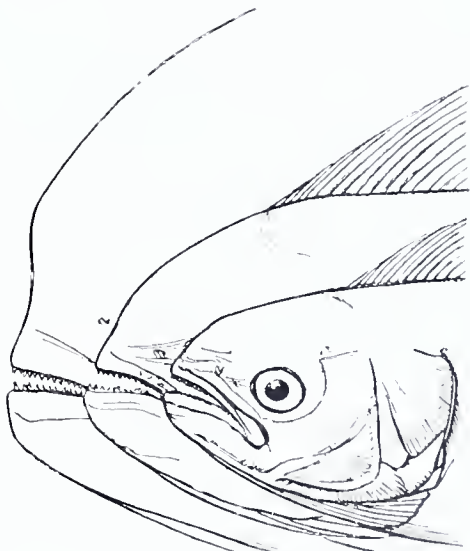
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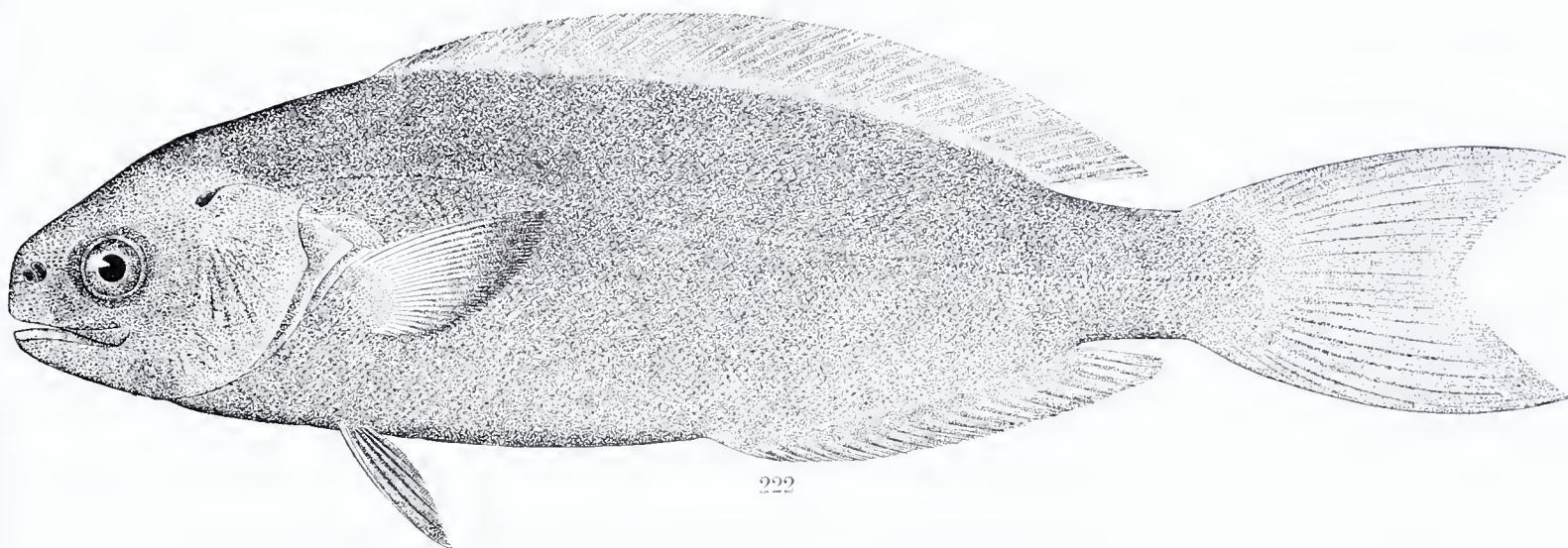
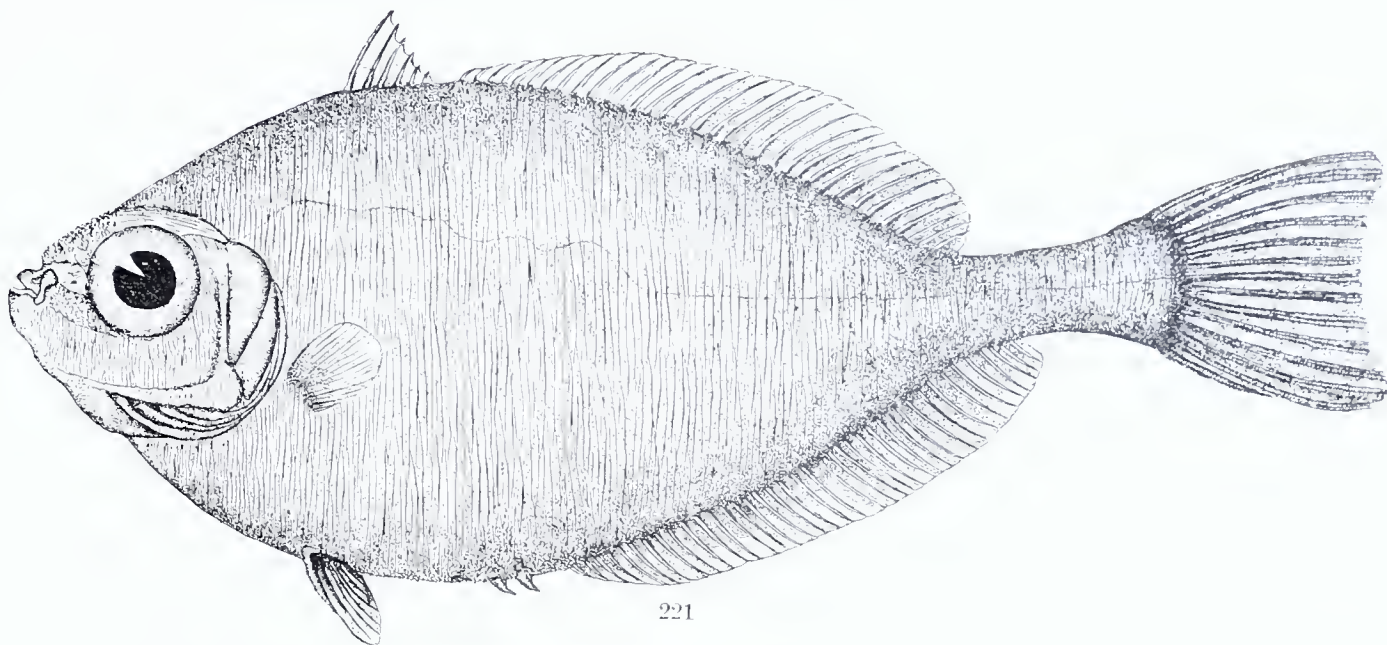


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219. CORYPHÆNA HIPPURUS (old male). (p. 209.)
220. CORYPHÆNA HIPPURUS (young). (p. 209.)
220a, b. CORYPHÆNA HIPPURUS. (p. 209.)



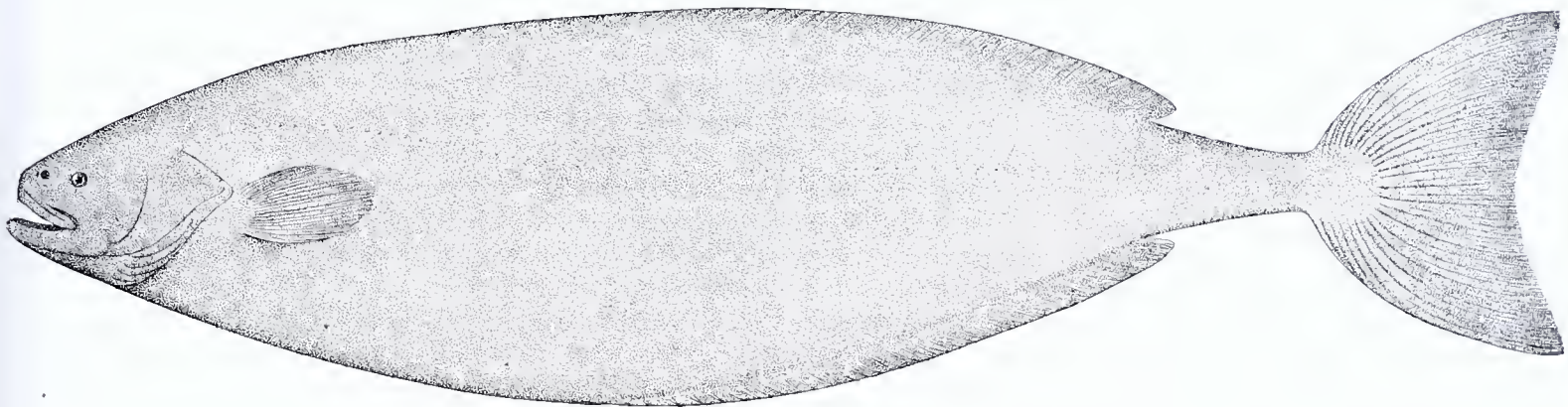
221. GRAMMICOLEPIS BRACHIUSCULUS. (p. 218.)

222. CENTROLOPHUS POMPILUS. (p. 214.)

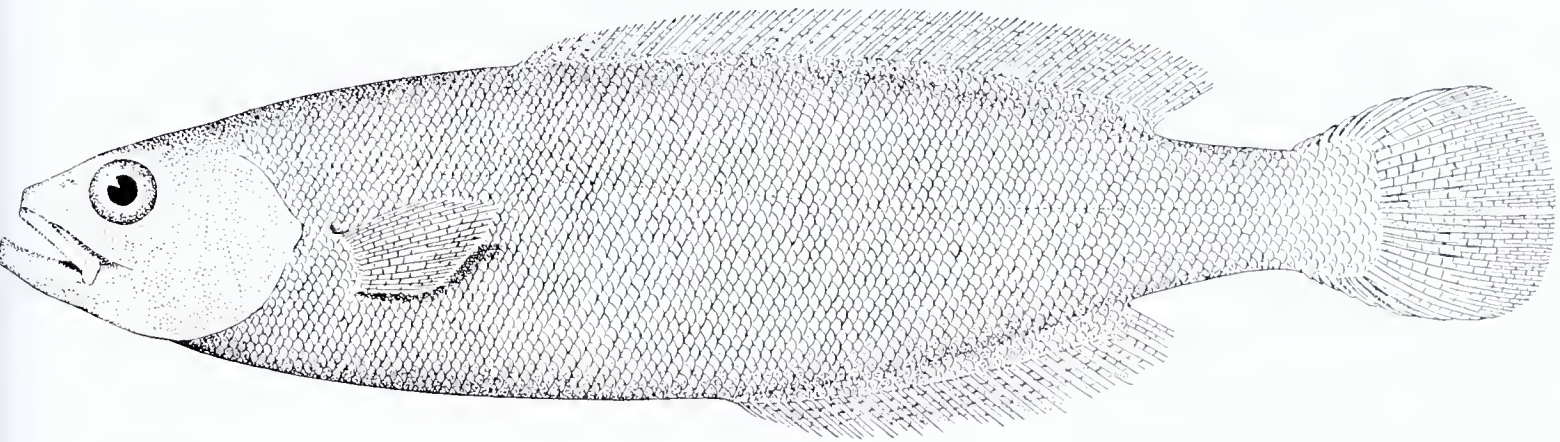
223. SCHEDOPHILUS MEDUSOPHAGUS. (p. 214.)



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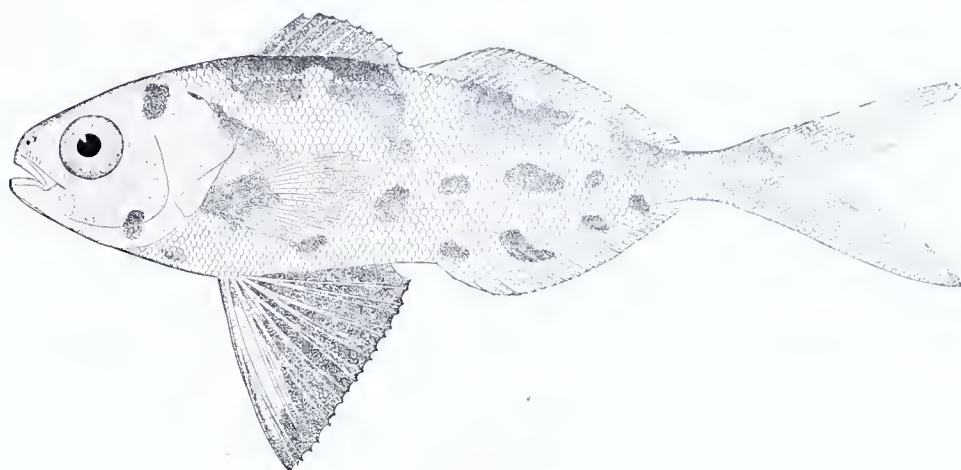


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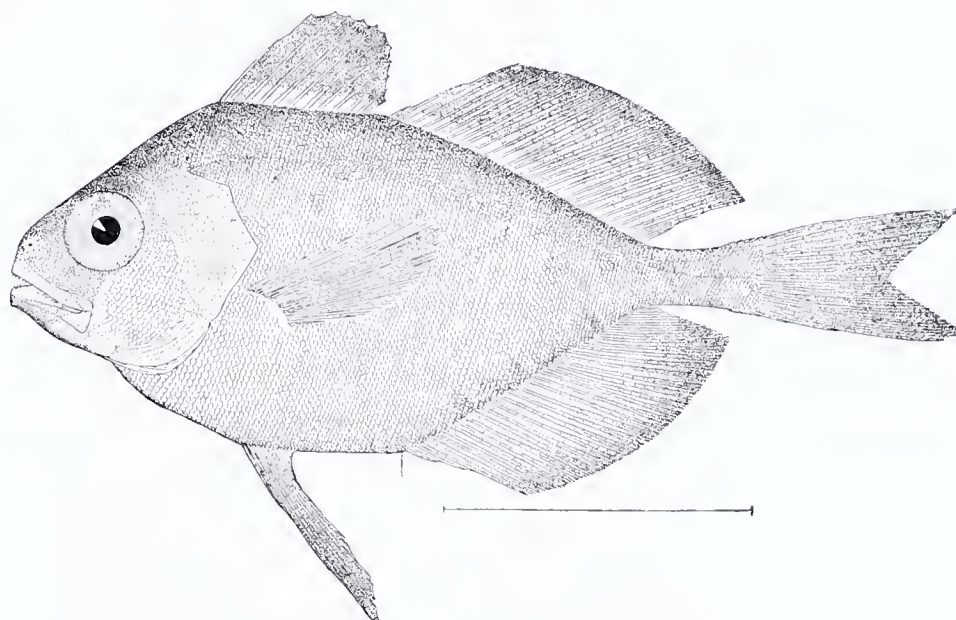


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224. ICOSTEUS ENIGMATICUS. (p. 215.) 225. ACROTUS WILLOUGHBYI. (p. 217.)
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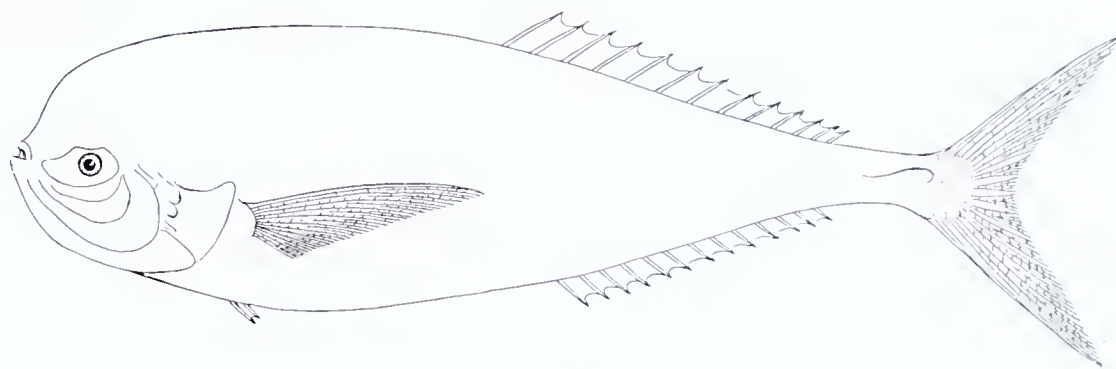


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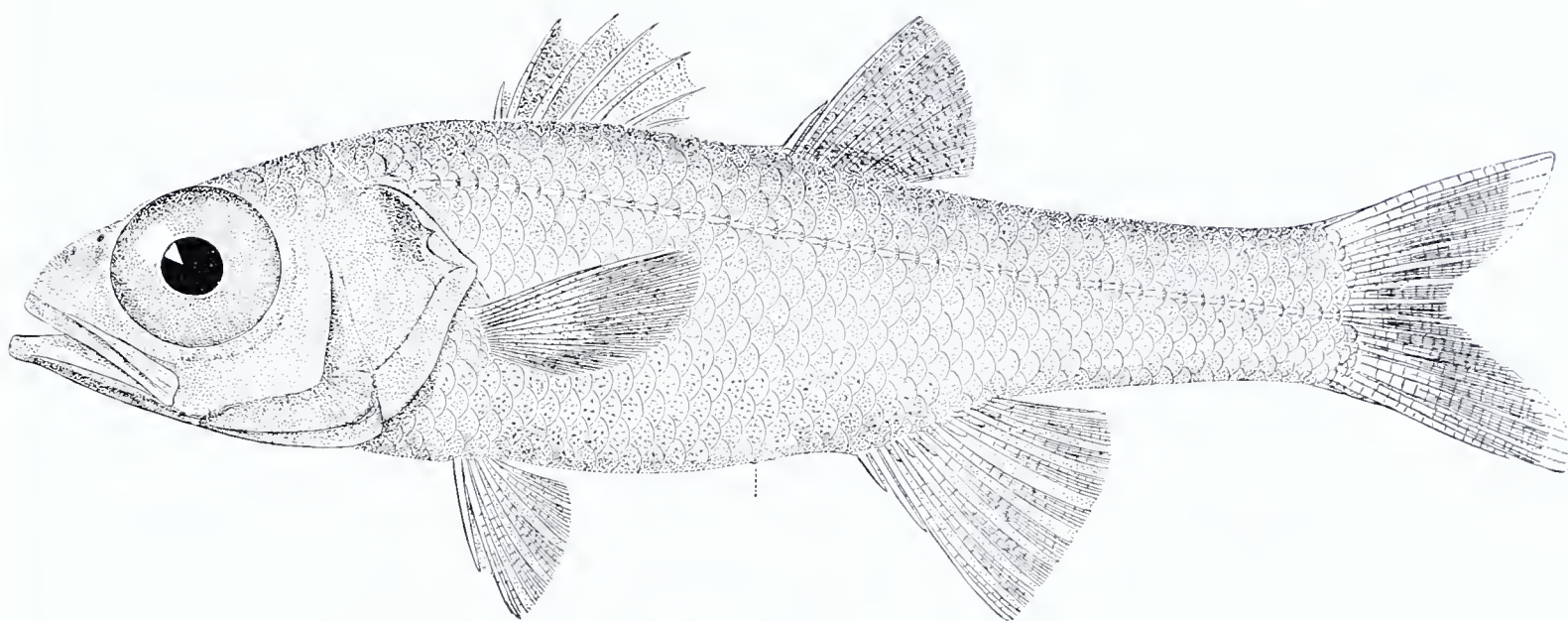
227. *NOMEUS GRONOVII*. (p. 220.)

228. *PSENES PELLUCIDUS*. (p. 221.)

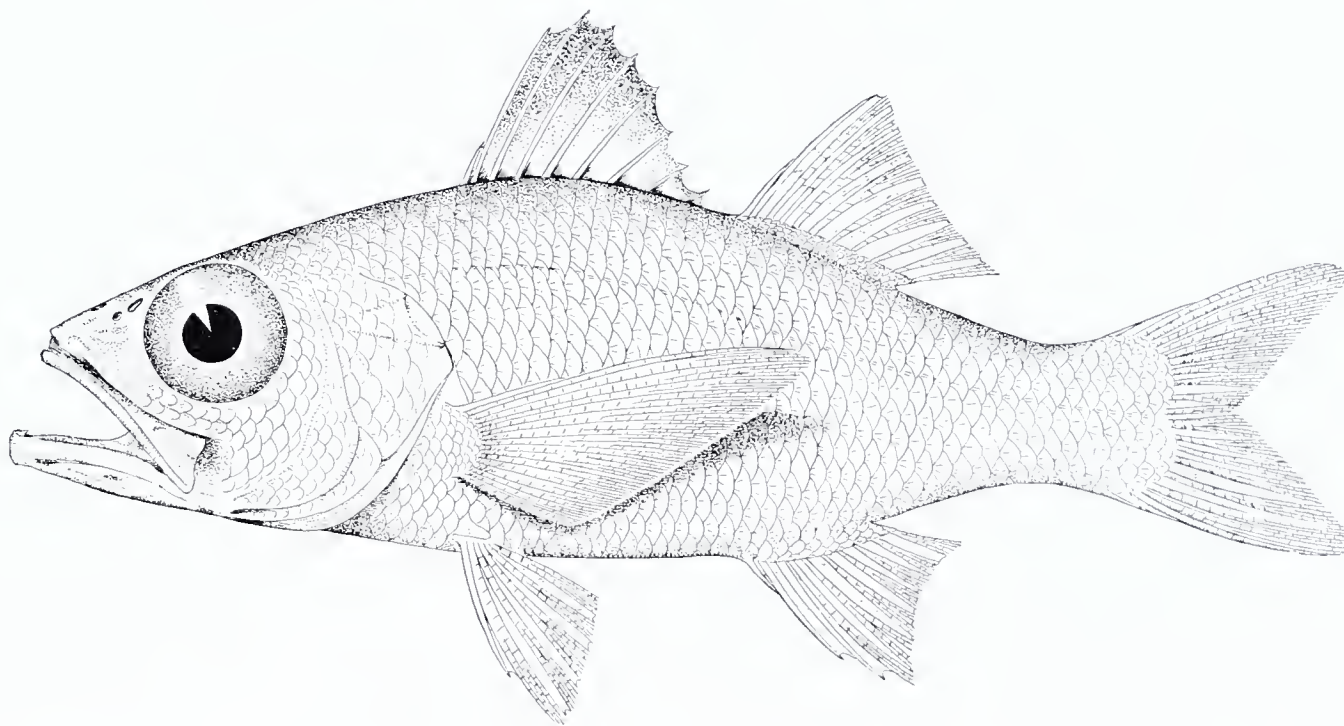
229. *PSENES MACULATUS*. (p. 221.)



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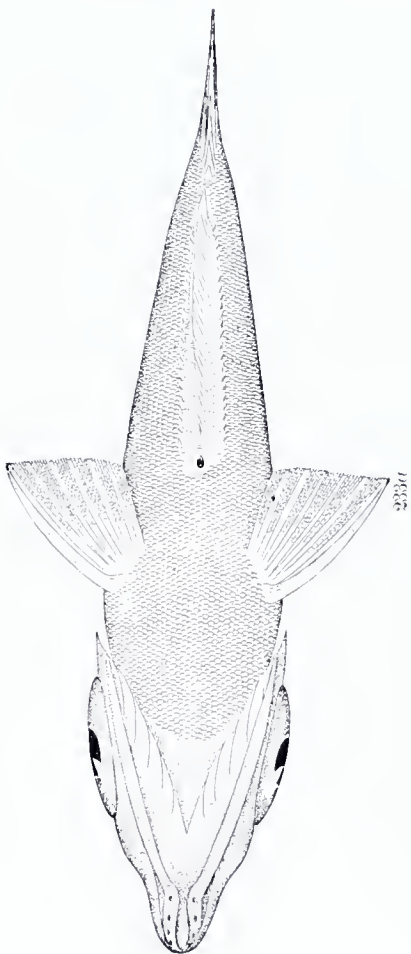
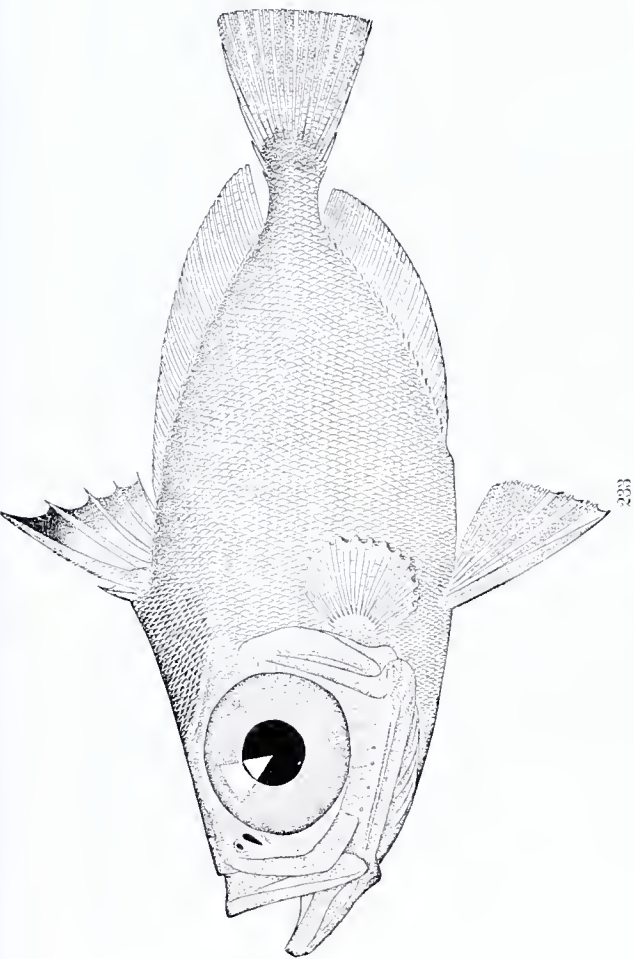
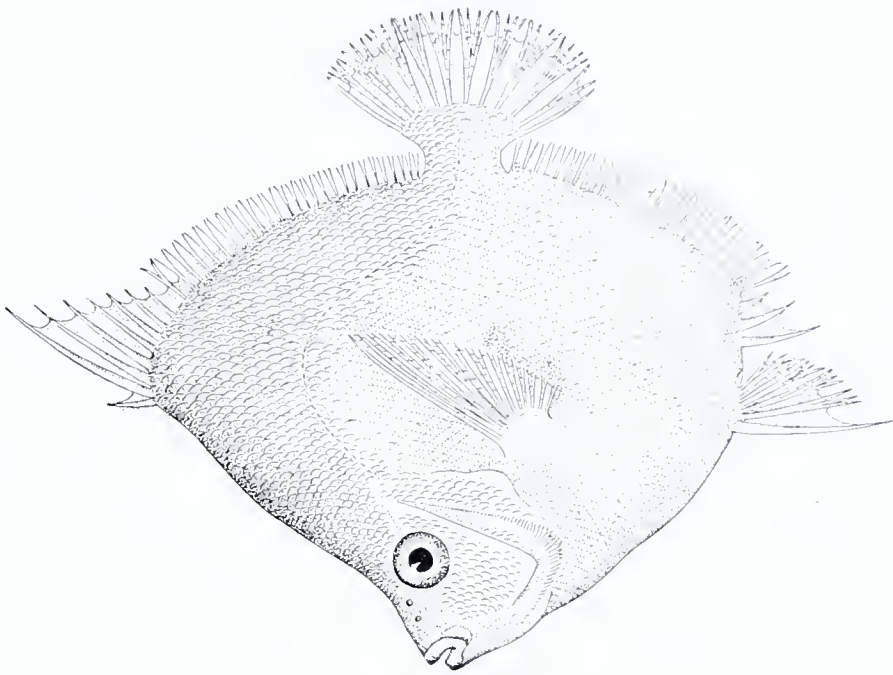
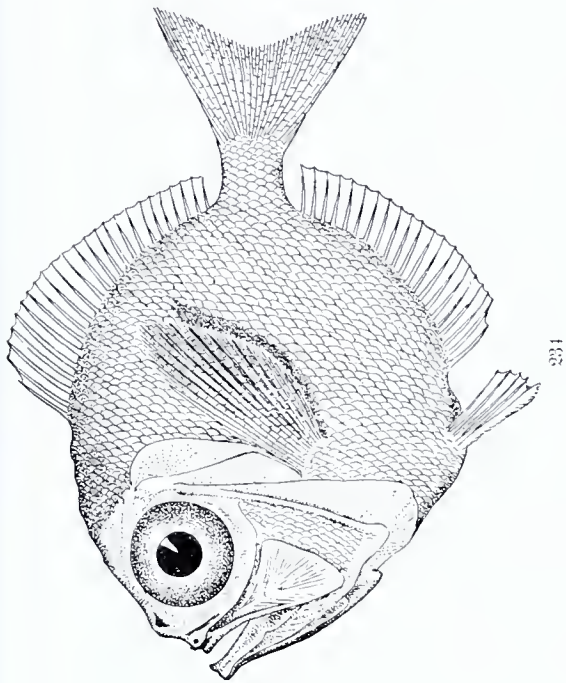


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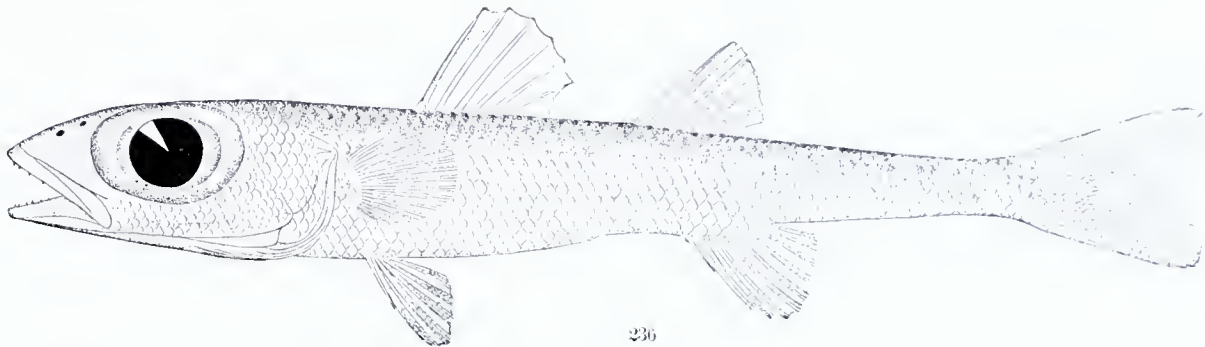
230. *LUVARUS IMPERIALIS*. (p. 222.)
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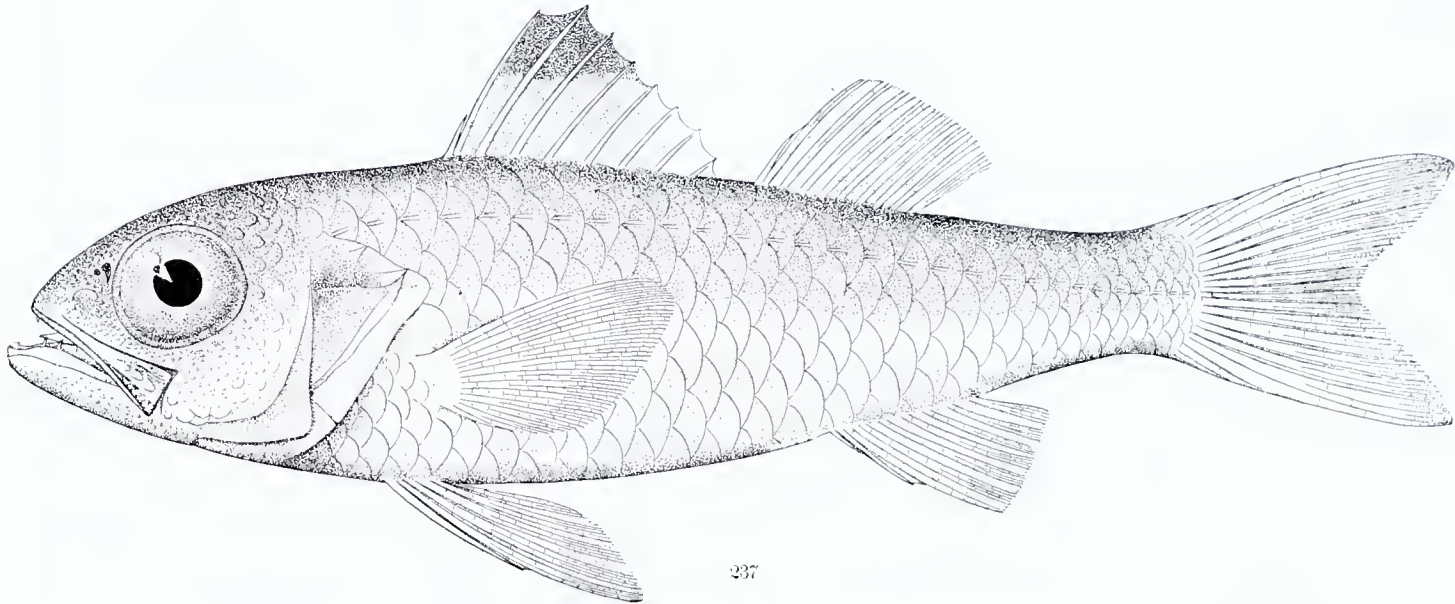
235, *ANTIGONIA CAPROS*. (p. 229.)

234, *DIRETMUS ARGENTUS*. (p. 211.)

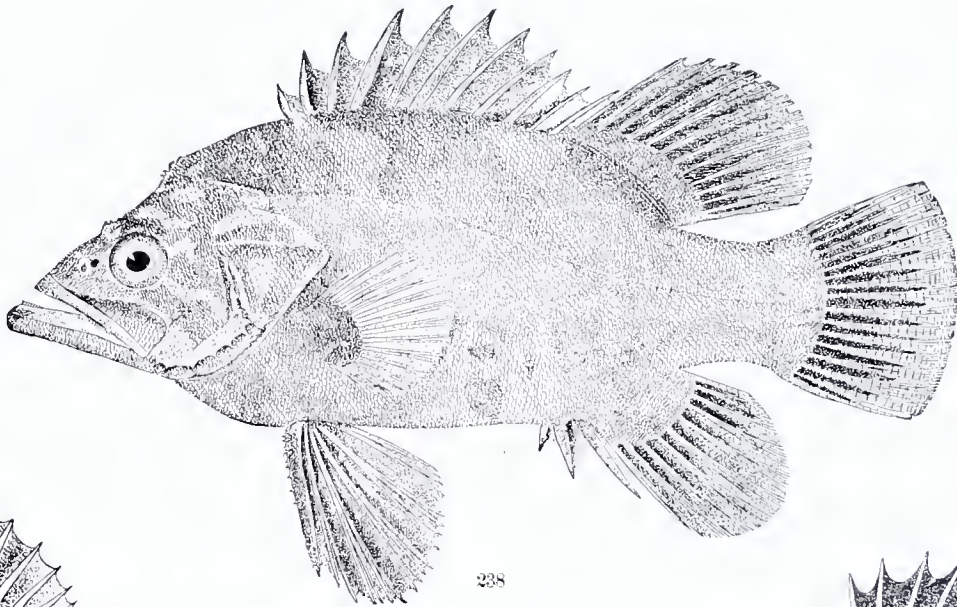
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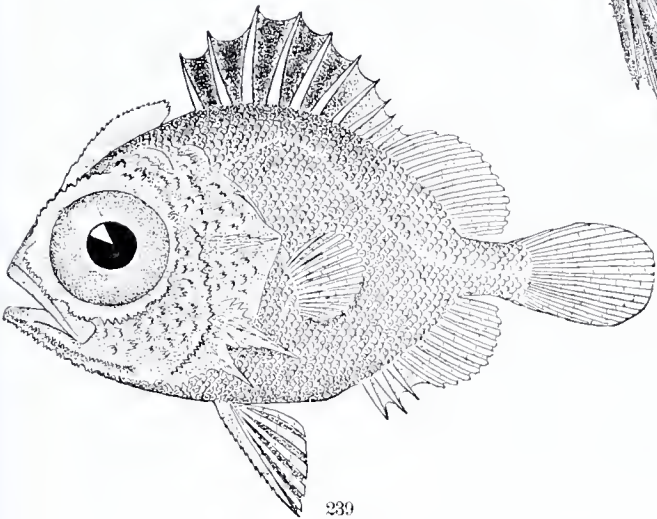
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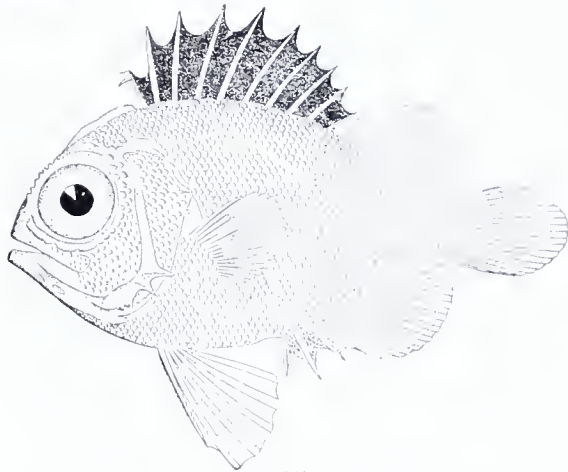
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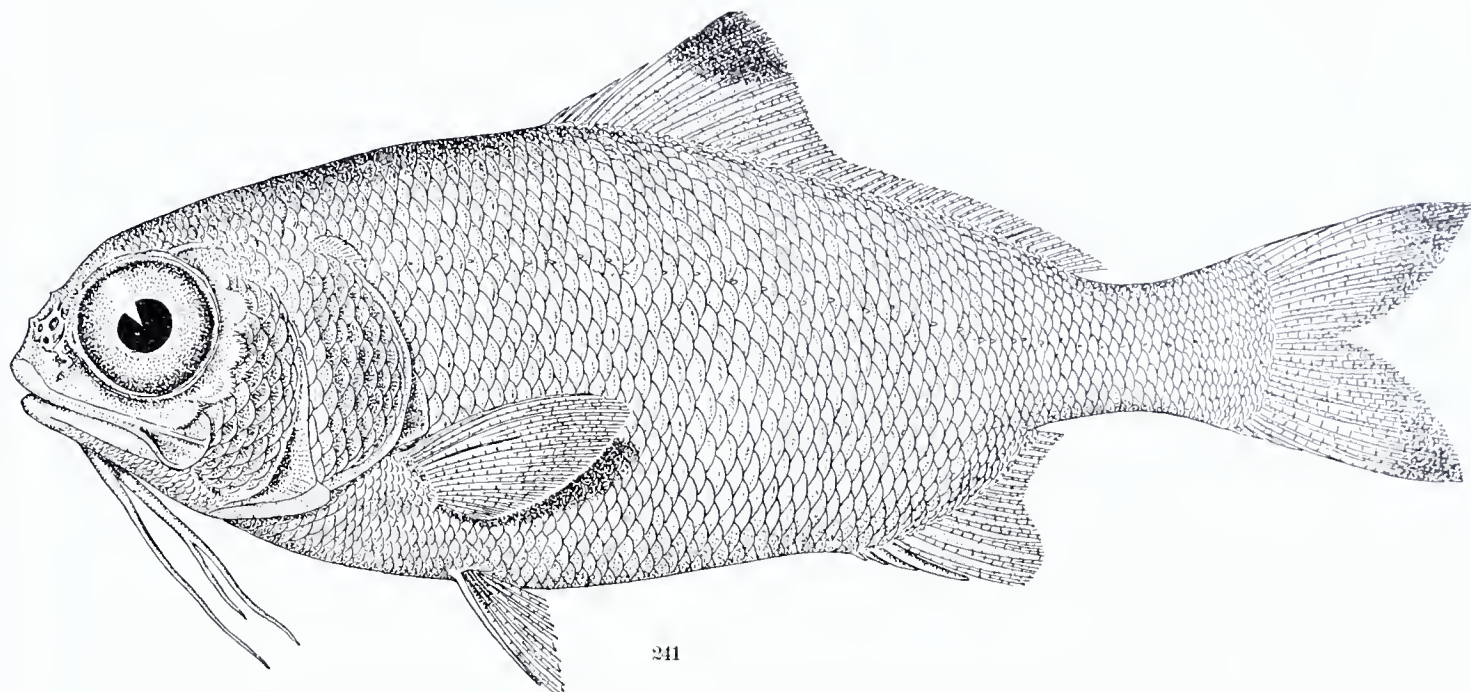
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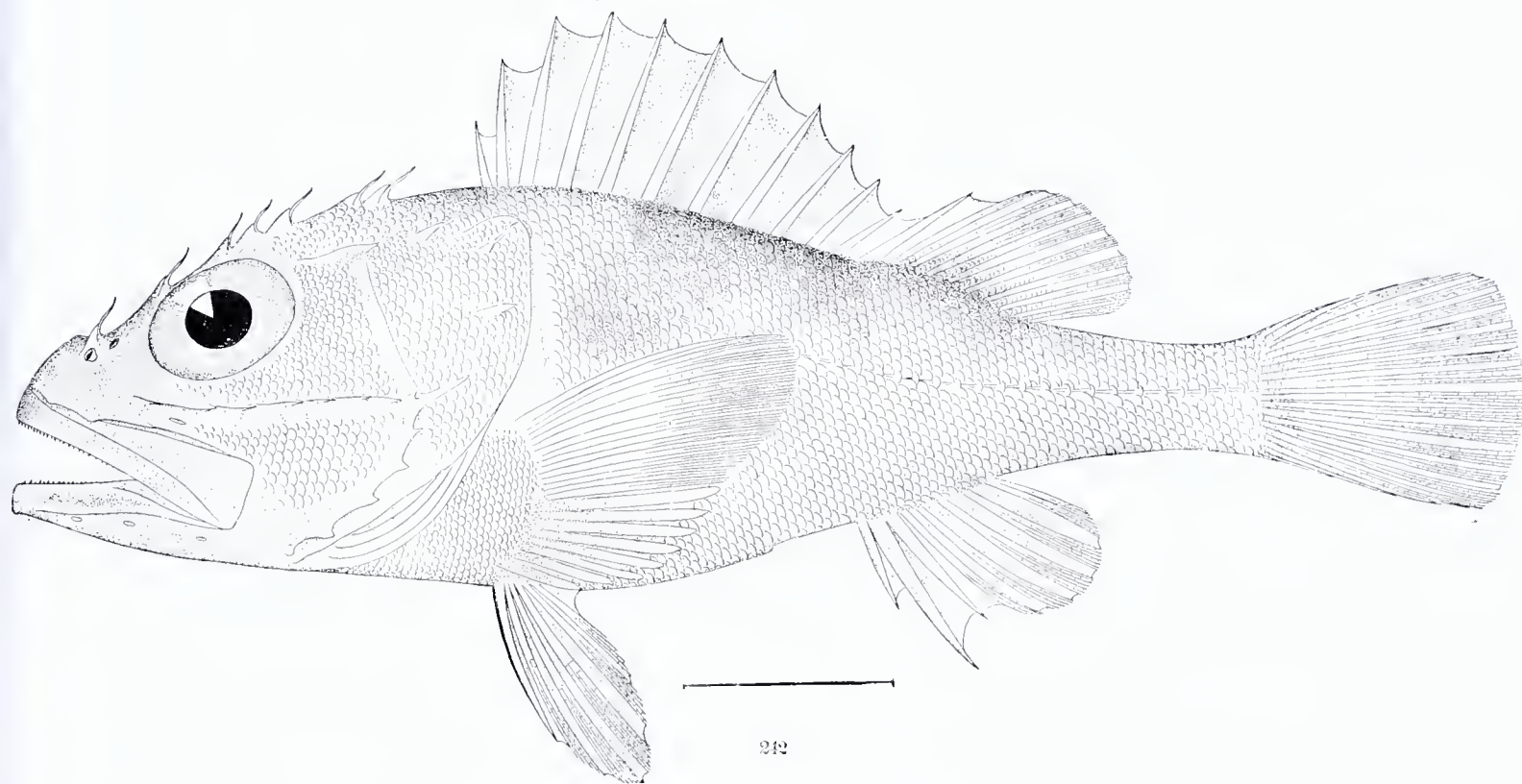
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236. *EPIGONUS OCCIDENTALIS*. (p. 233.)
238. *POLYPRION AMERICANUM*. (p. 238.)

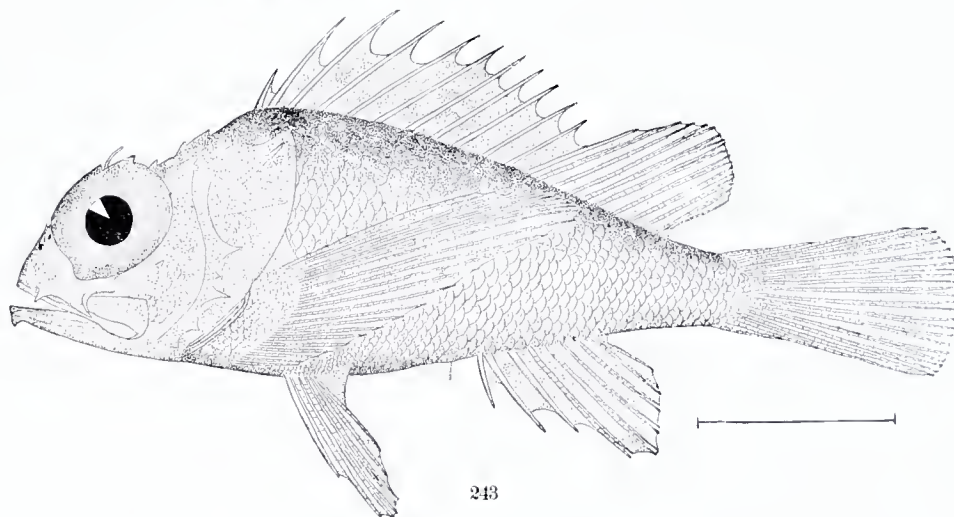
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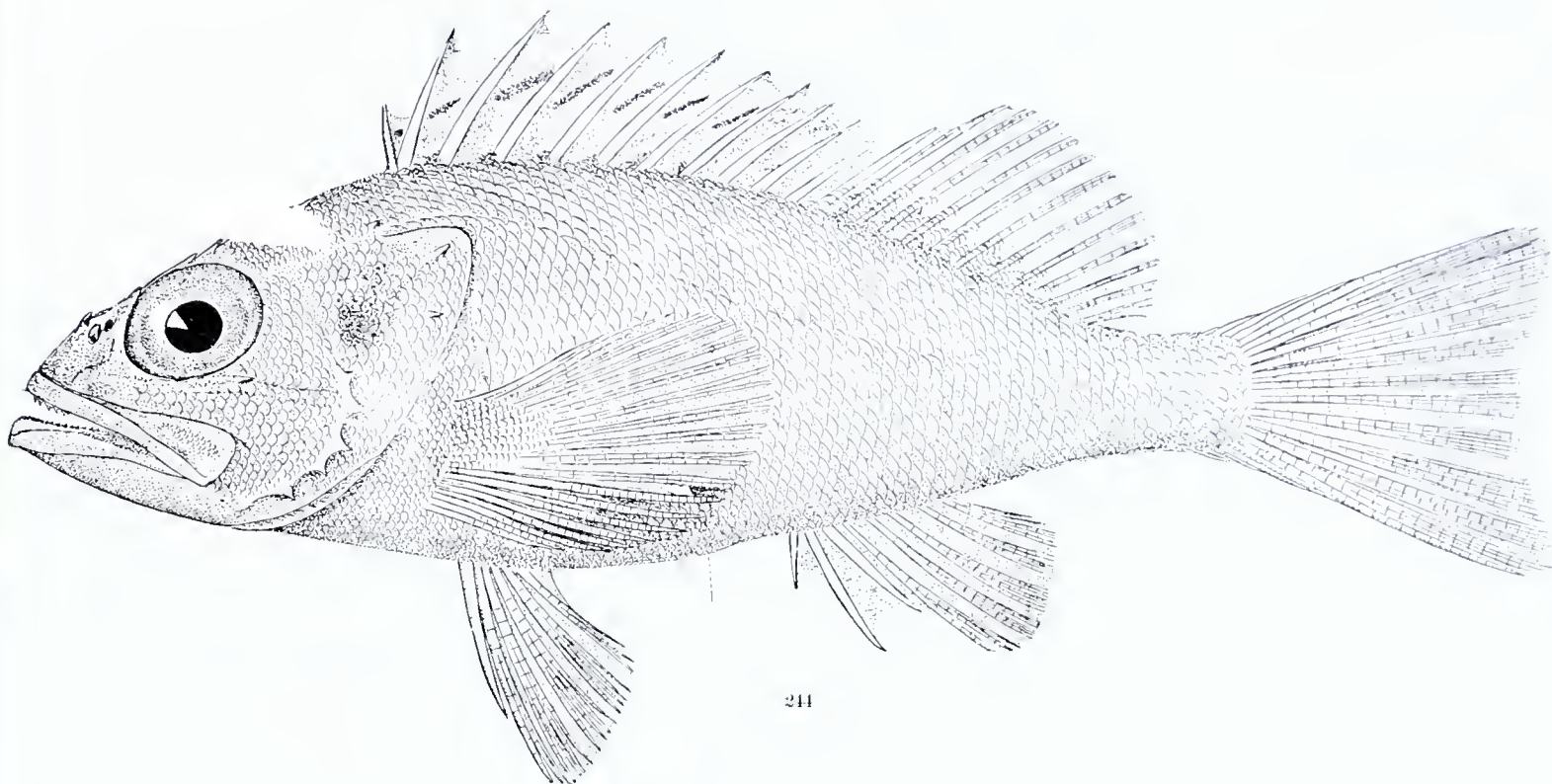


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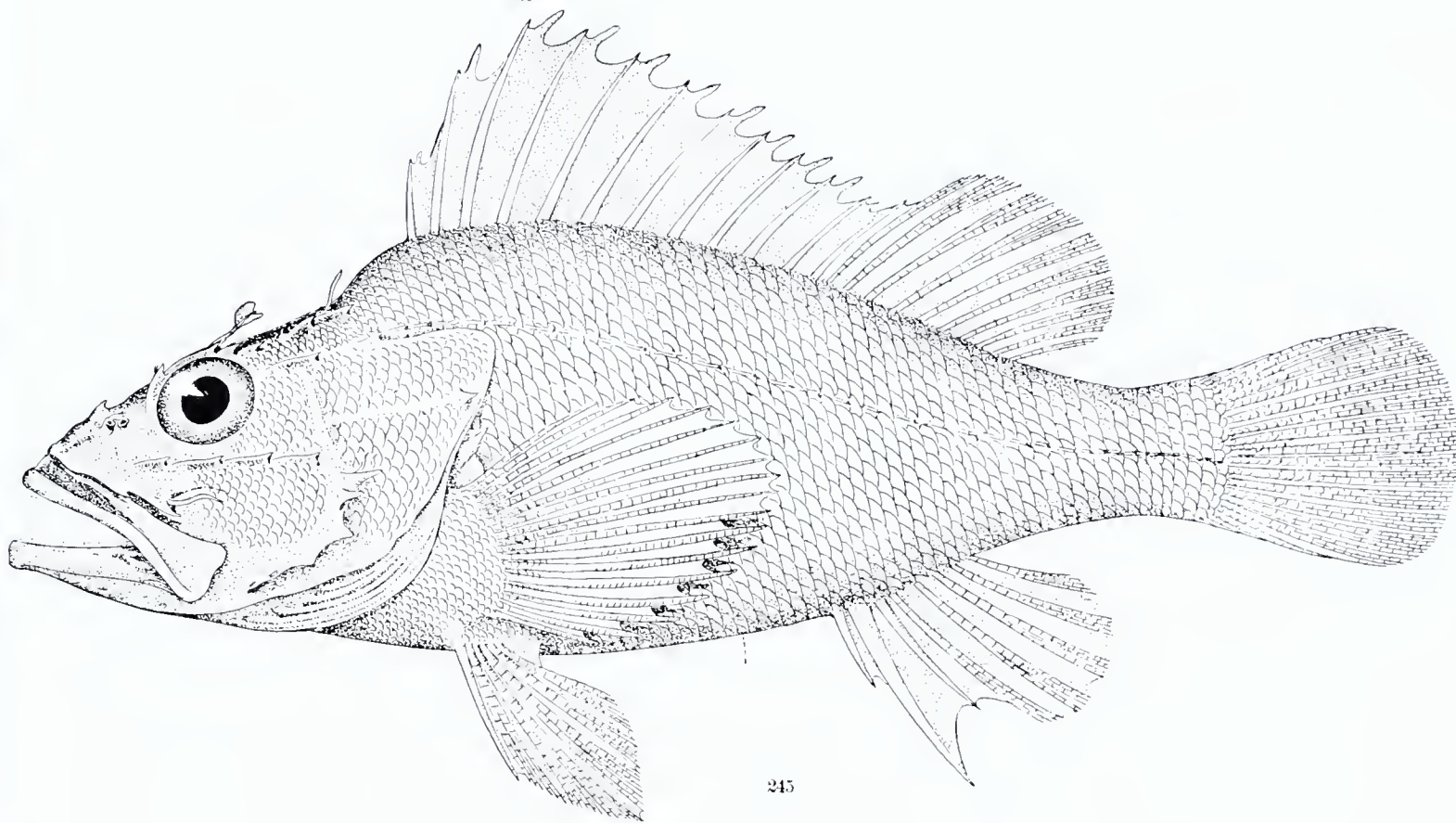
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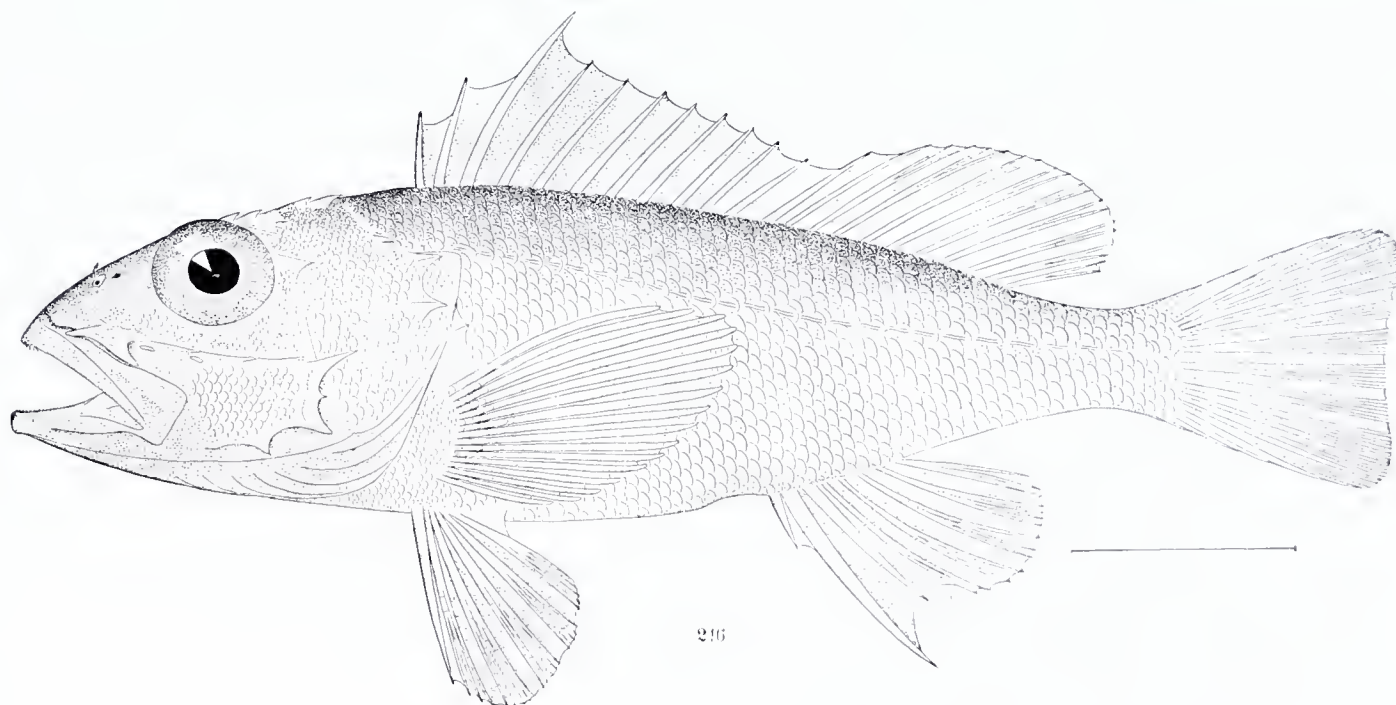
243. *SCORPENA AGASSIZII*. (p. 247.)



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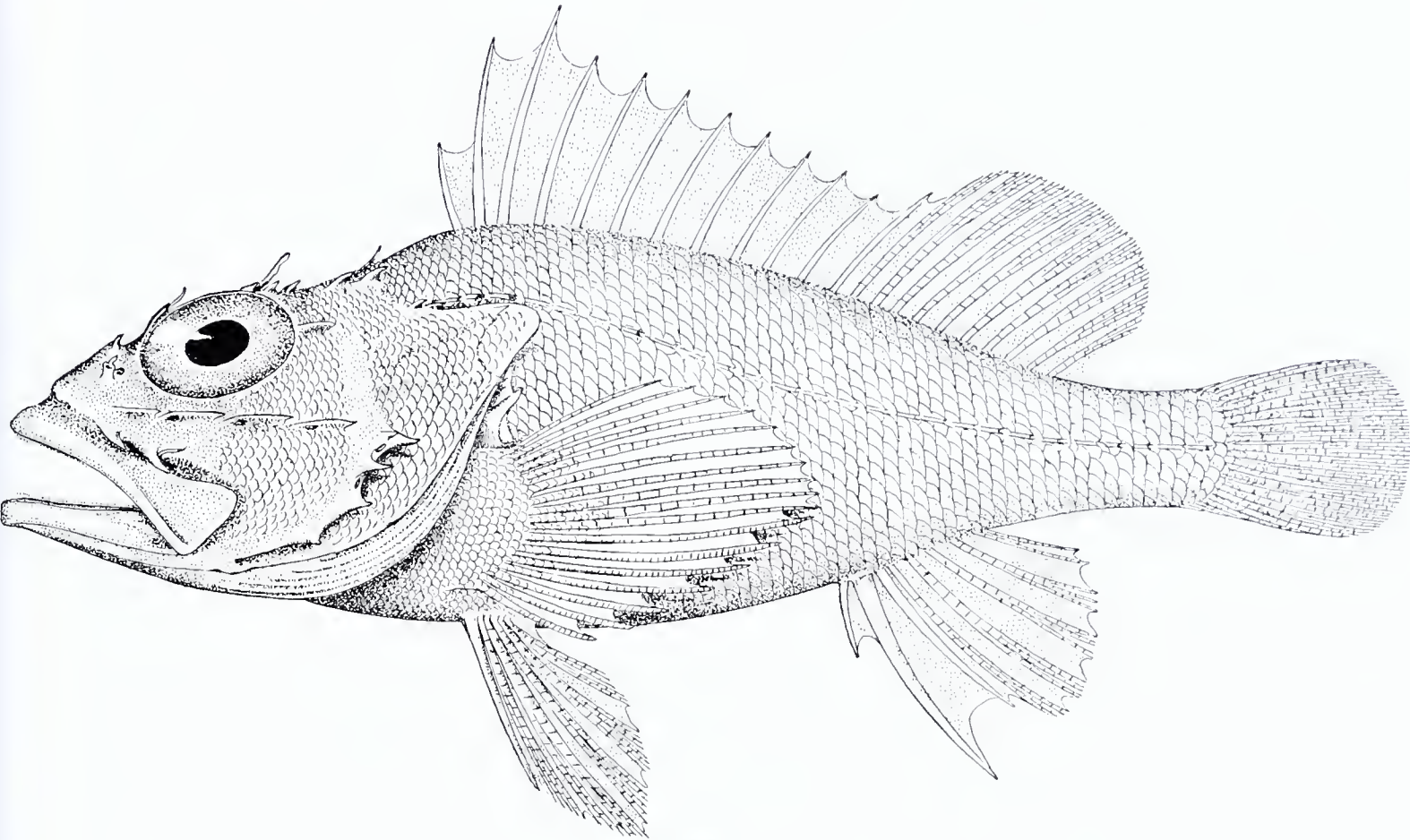


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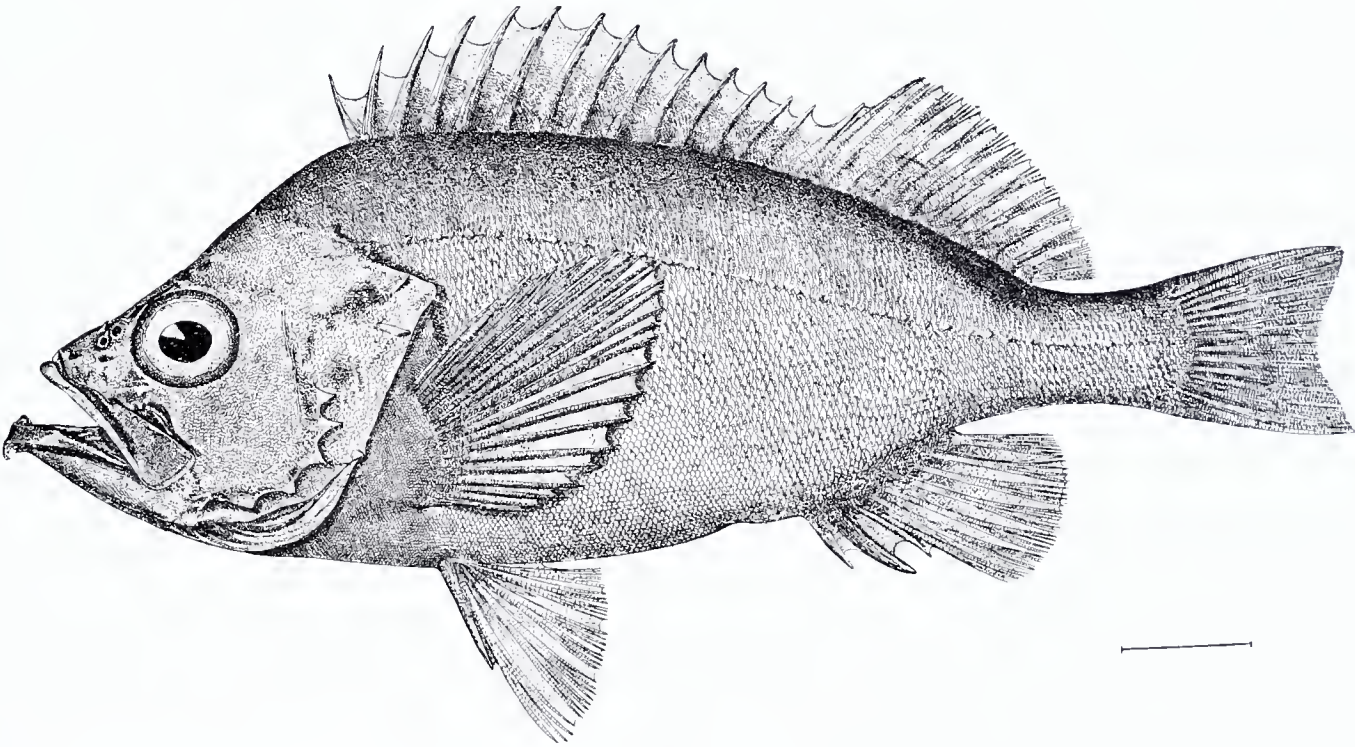
244. *HELICOLENUS DACTYLOPTERUS*. (p. 250.)

246. *PONTINUS LONGISPINIS*. (p. 258.)

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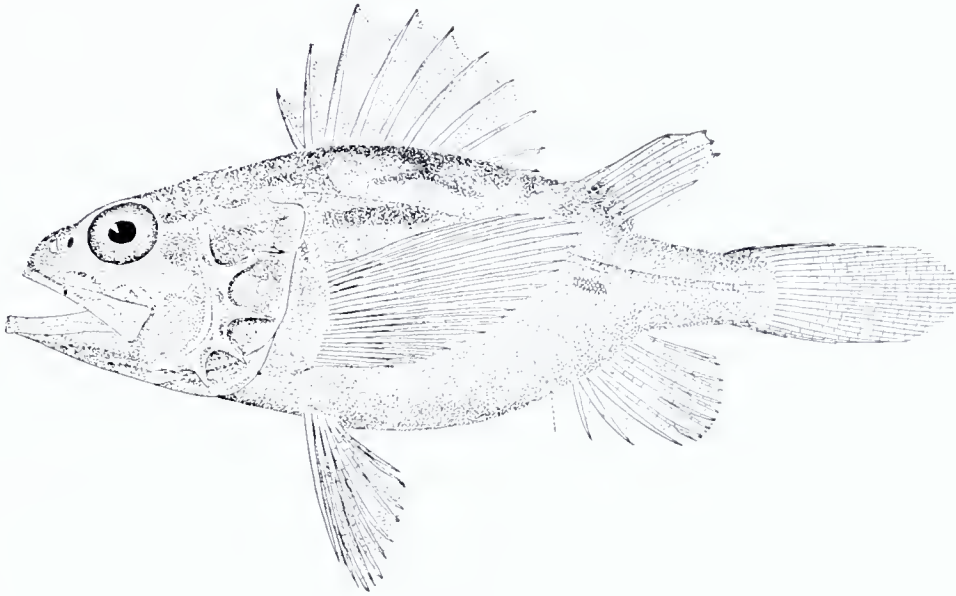
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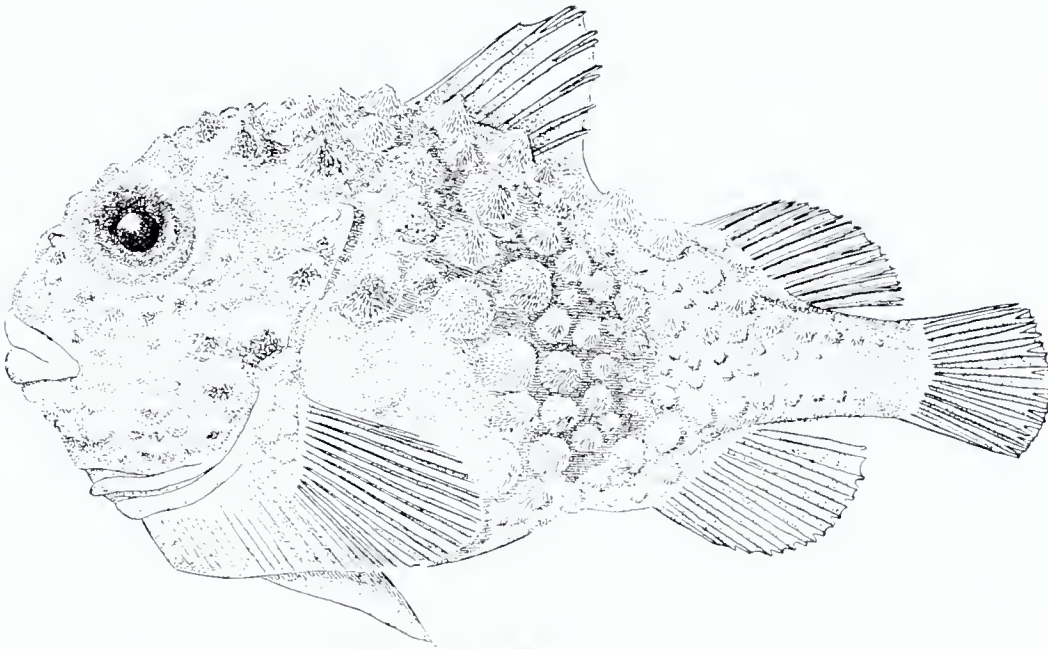
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247. PONTINUS MACROLEPIS. (p. 257.)

248. SEBASTES MARINUS. (p. 260.)



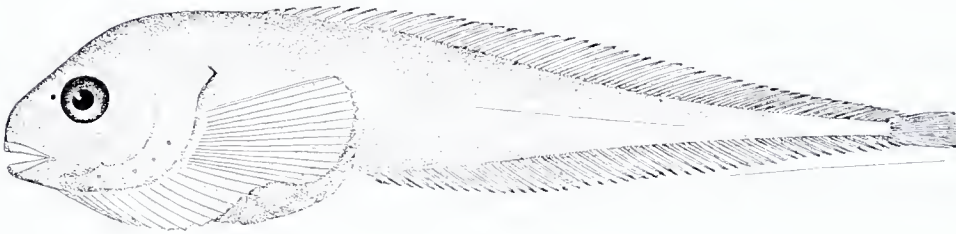
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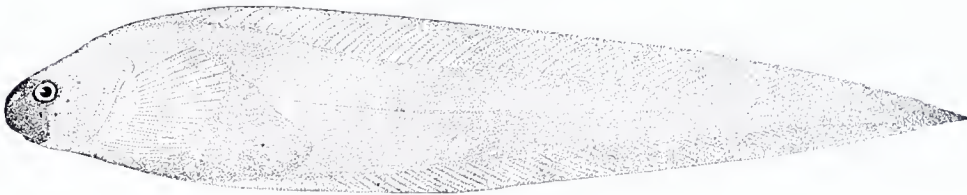
251a



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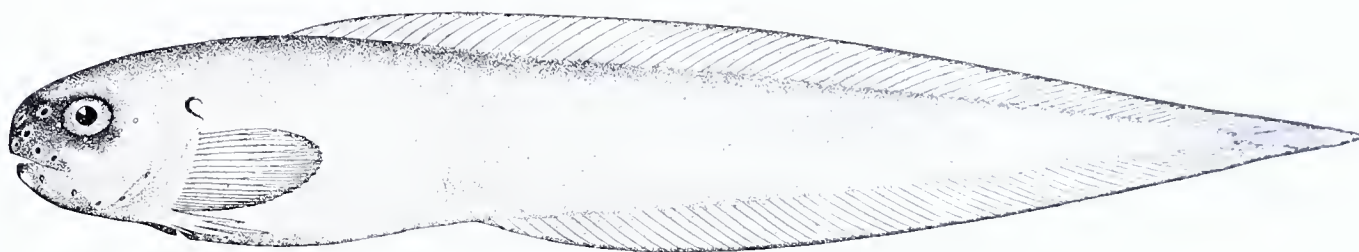
251b



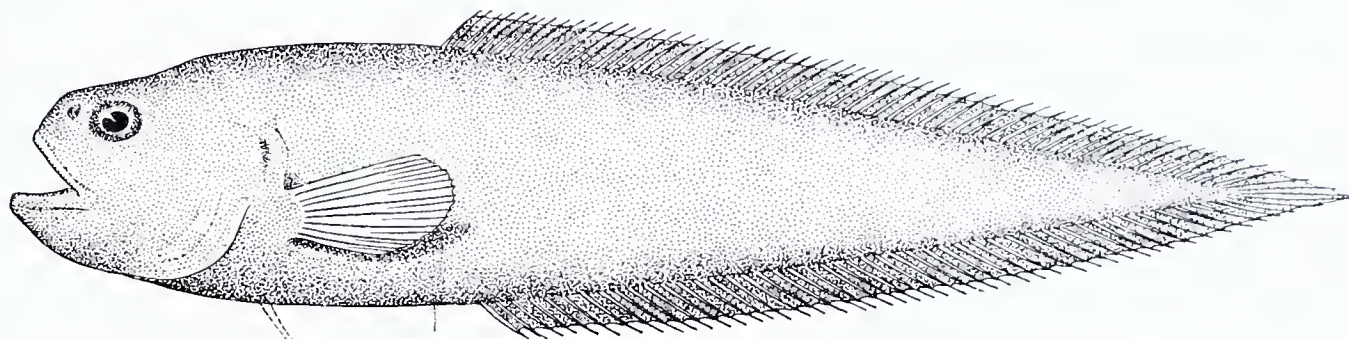
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249. SETARCHES PARMATUS. (p. 264.)
251, 251a, b. CAREPROCTUS RANULA. (p. 275.)

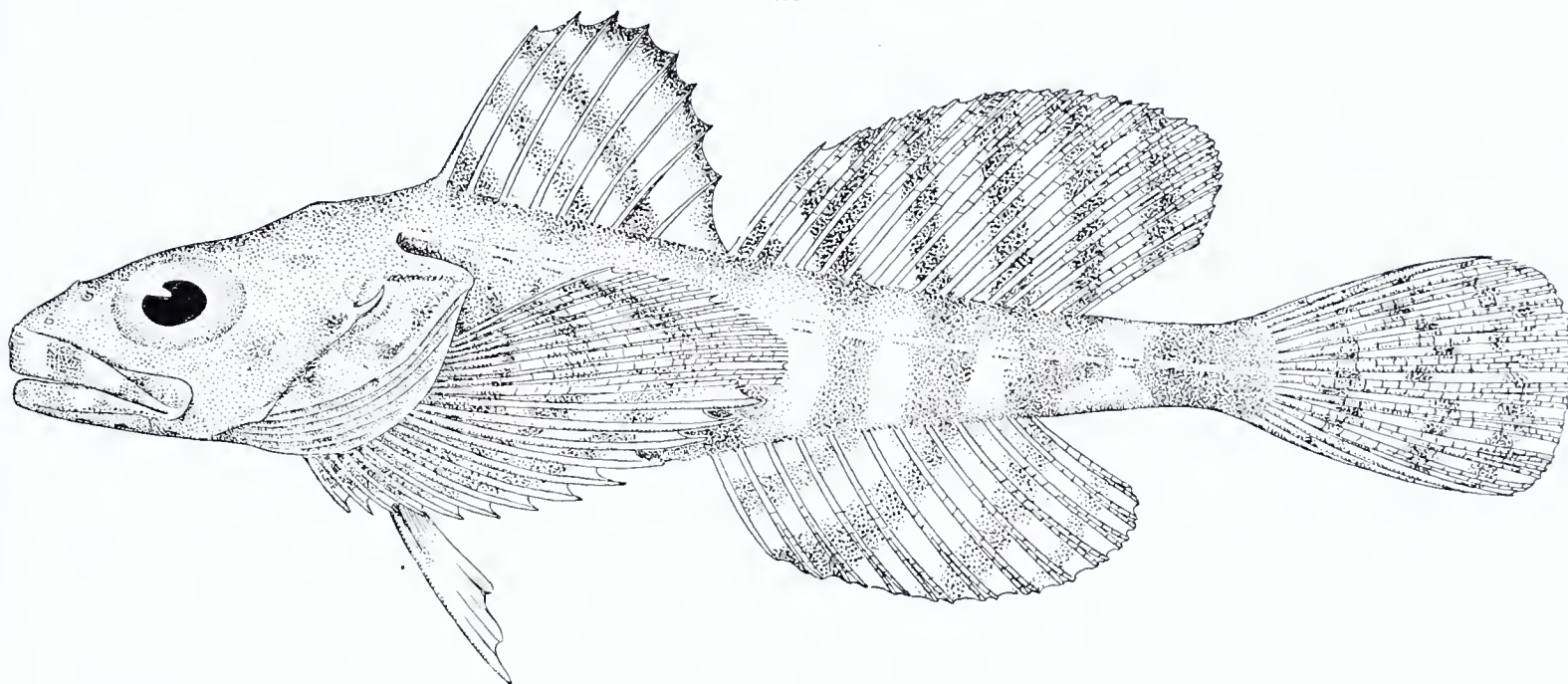
250. EUMICROTREMUS SPINOSUS. (p. 272.)
252. MONOMITRA LIPARINA. (p. 278.)



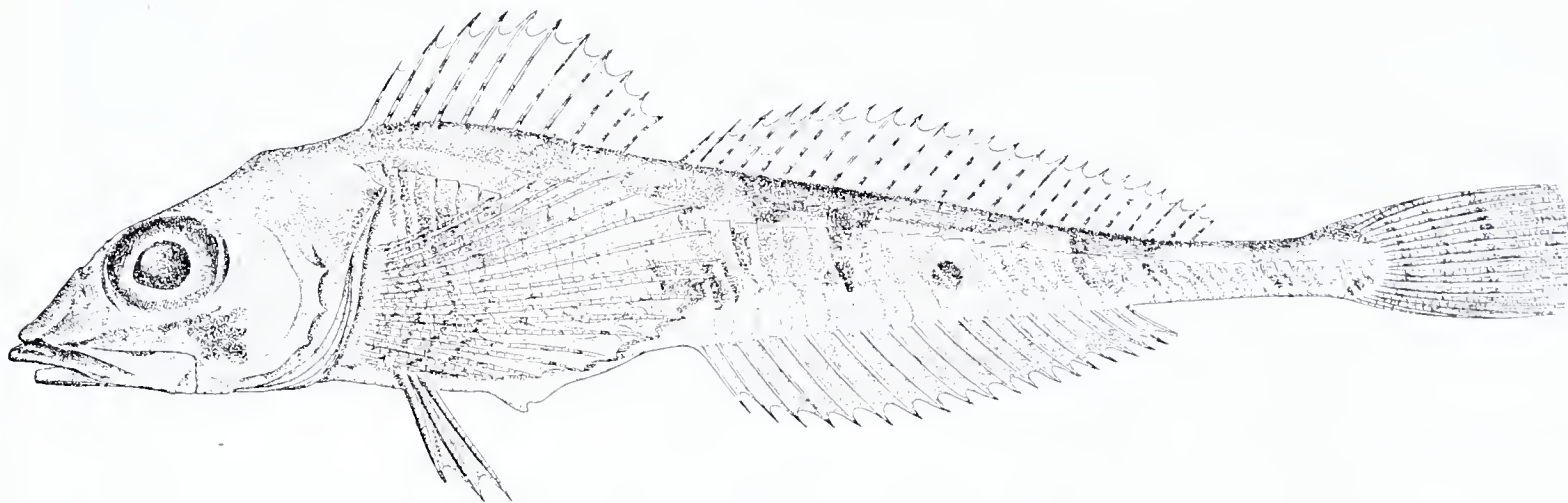
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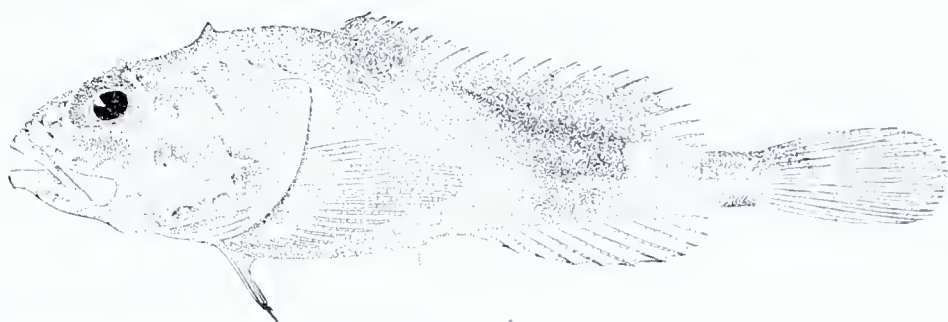
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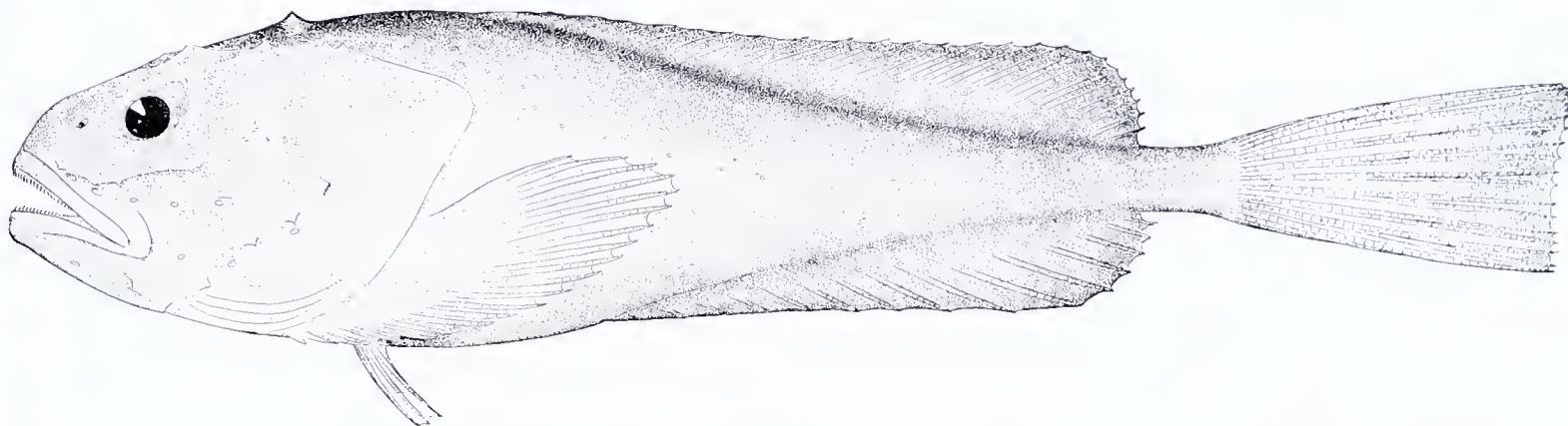
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253. *PARALIPARIS* COPEL. (p. 279.)
255. *ARTEDIELLUS* UNCINATUS. (p. 267.)

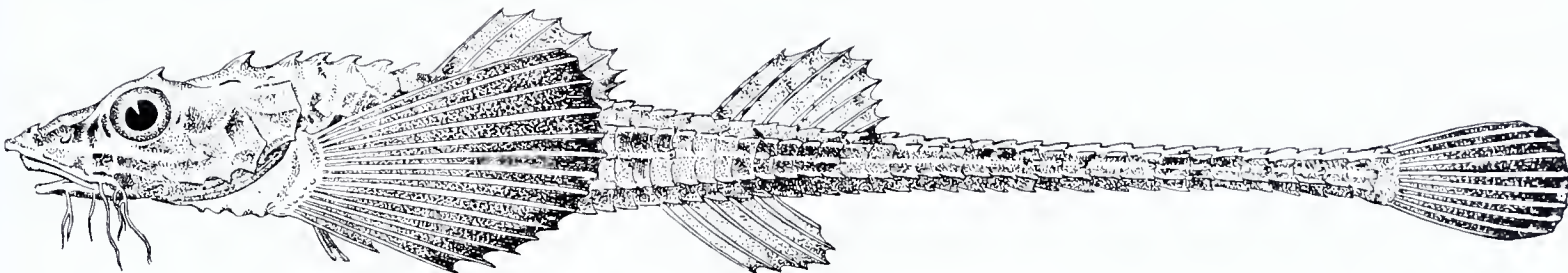
254. *GYMNOLYCODES* EDWARDSI. (p. 281.)
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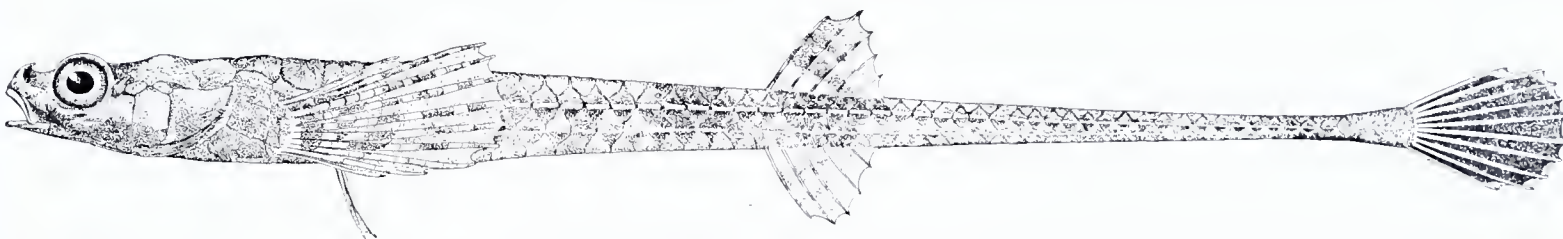
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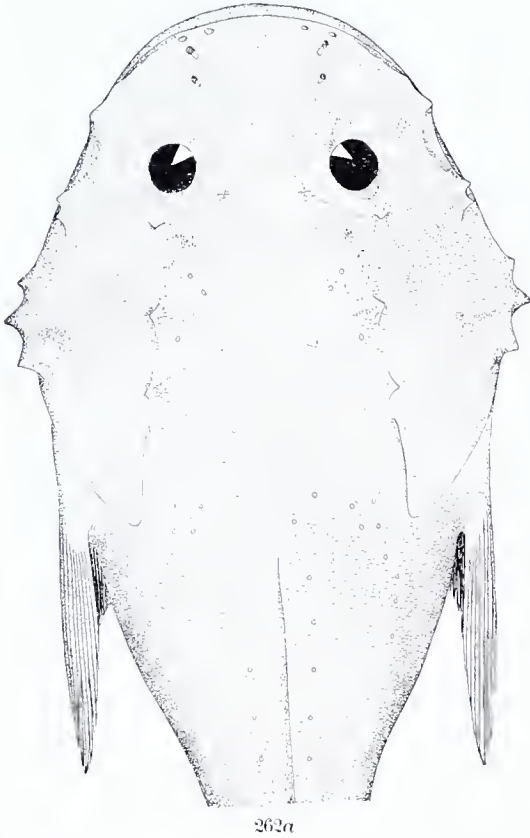
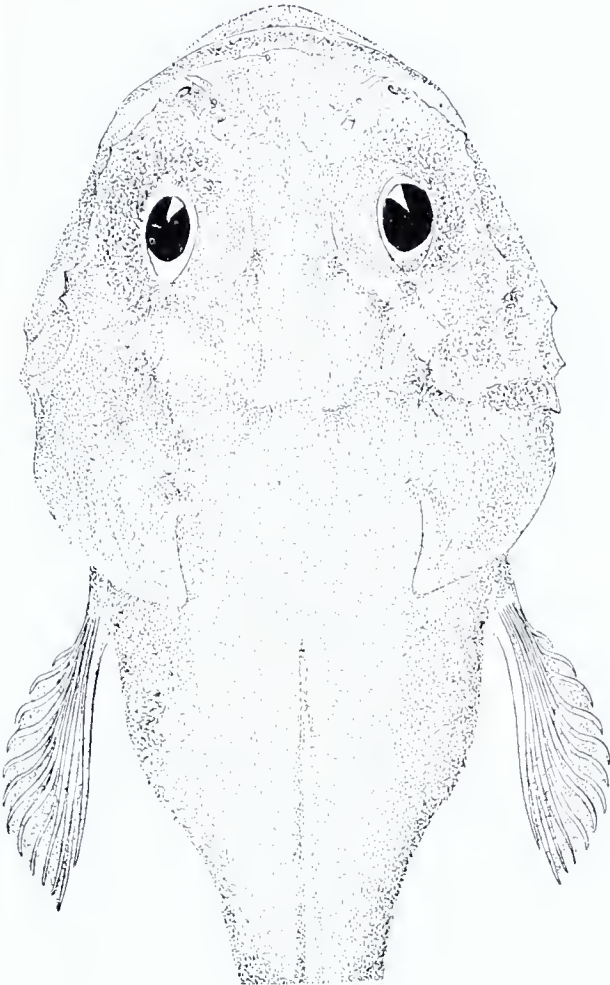
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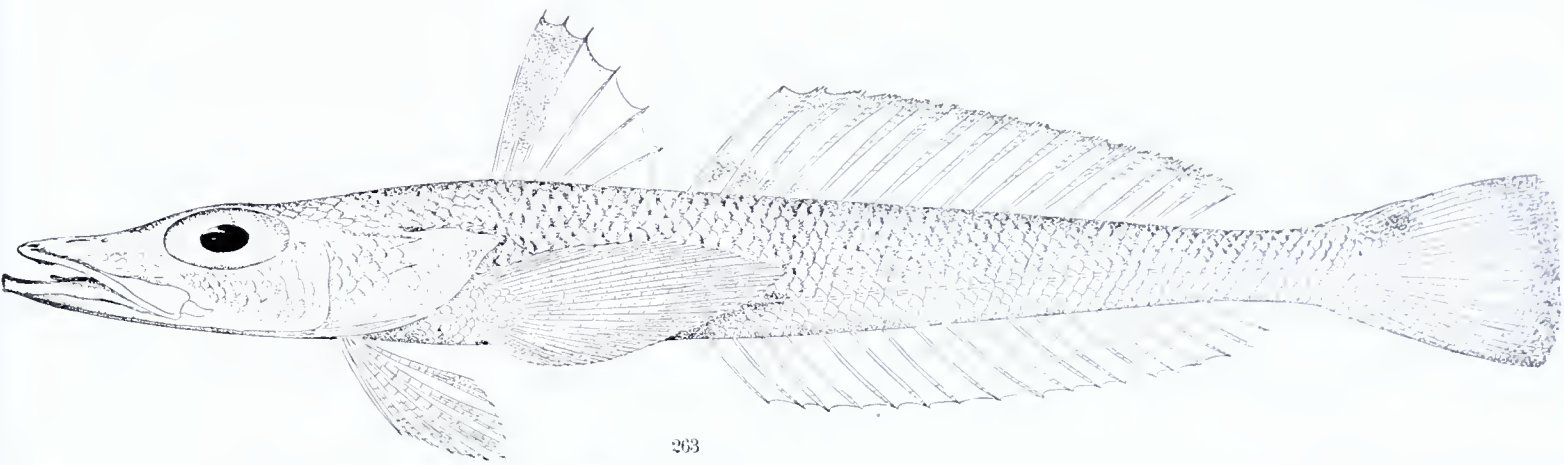
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259. *PODOTHERCUS DECAGONUS*. (p. 282.)

258. *COTTUNCULUS THOMSONII*. (p. 270.)
260. *ASPIDOPHOROIDES MONOPTERYGIUS*. (p. 283.)

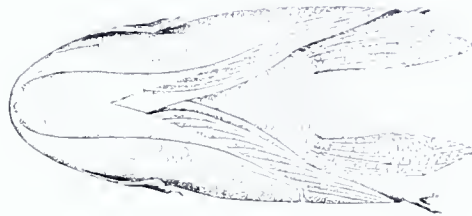
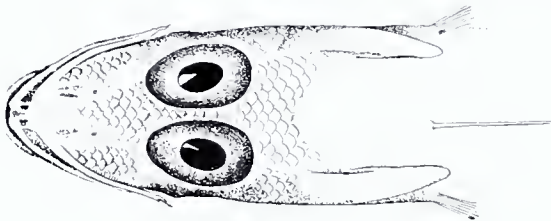


261a, b. COTTUNCULUS MICRIPS. (p. 269.)

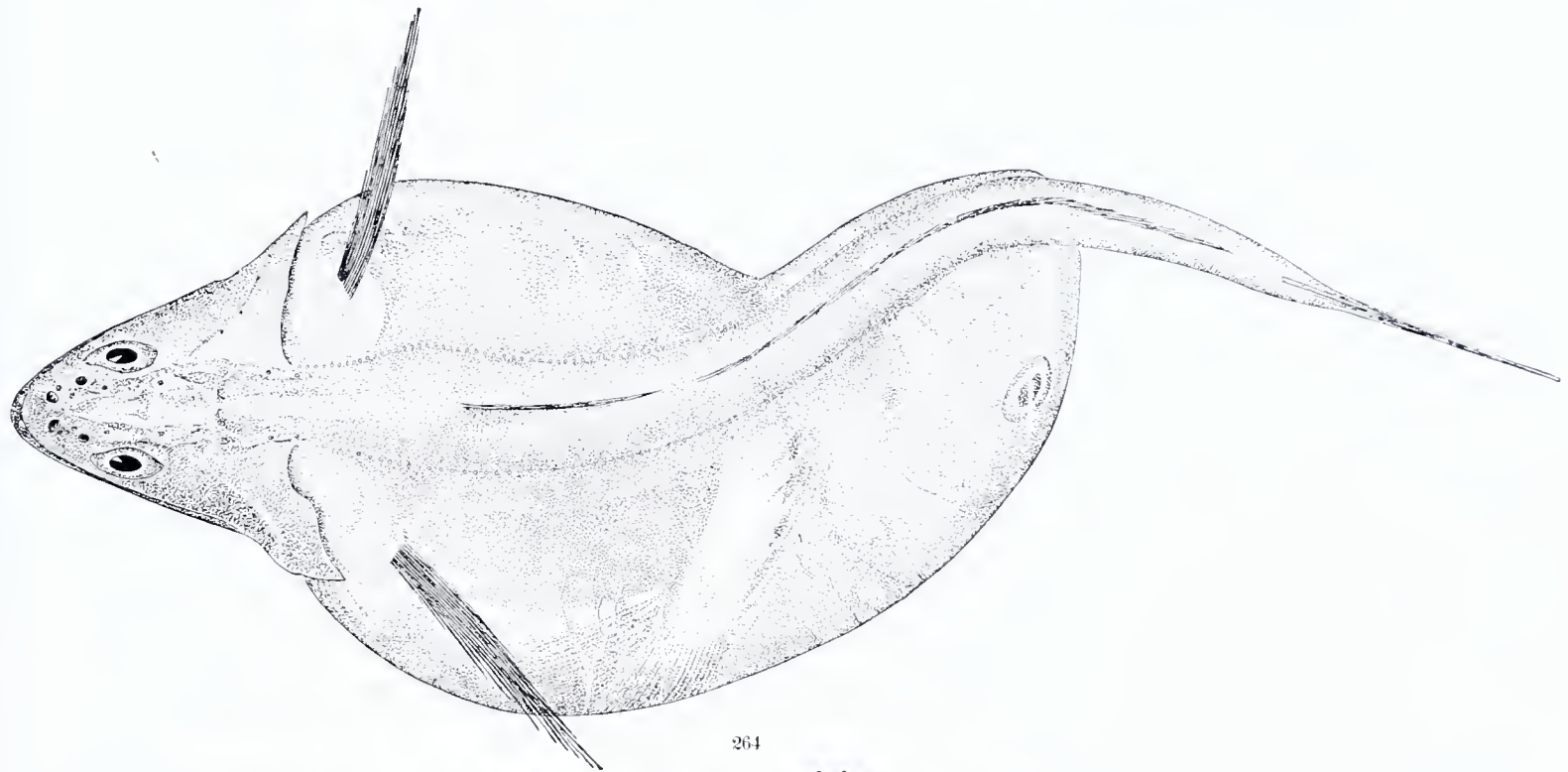
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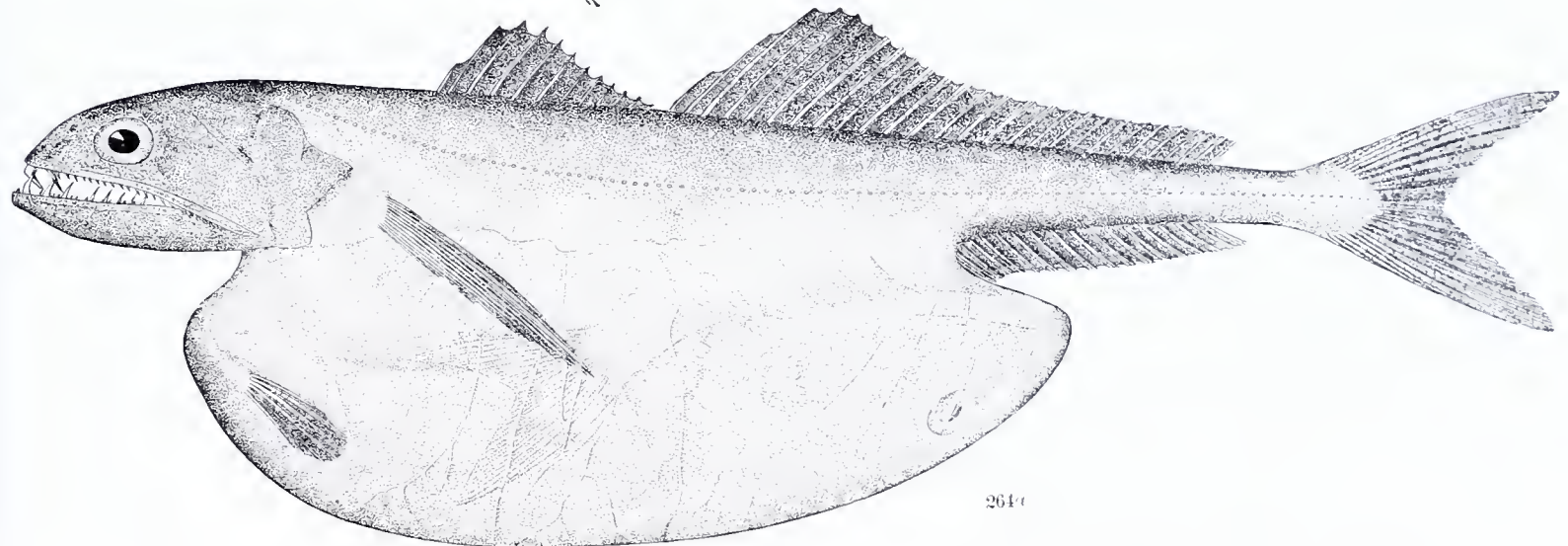
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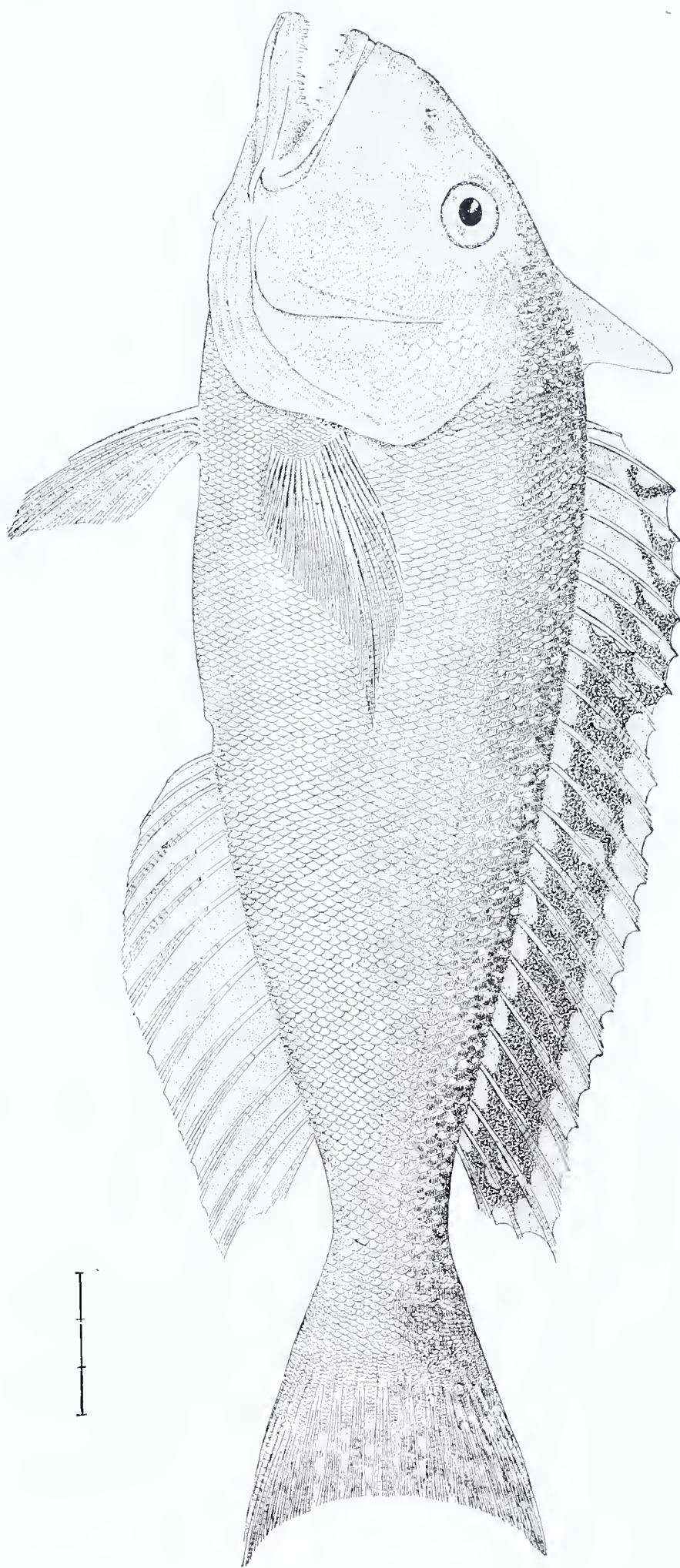
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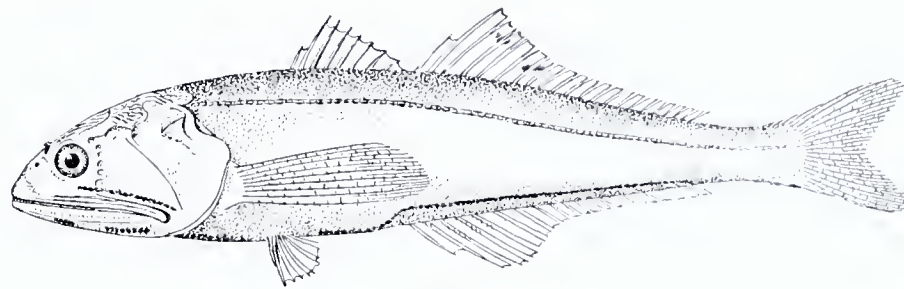
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263, 263a, b. *HYPSICOMETES GOBIOIDES*. (p. 290.)

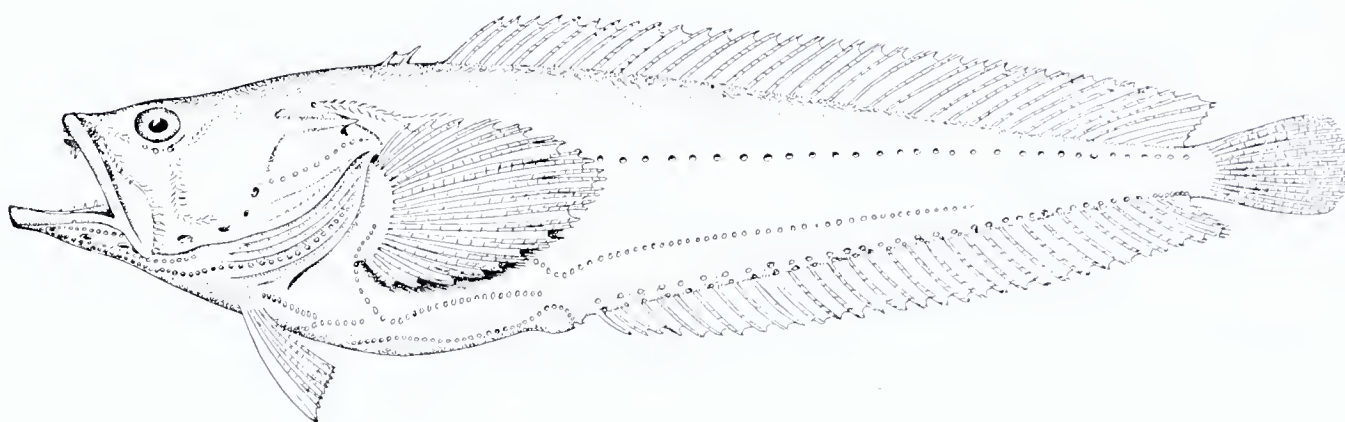
264, 264a. *CHIASMODON NIGER*. (p. 292.)



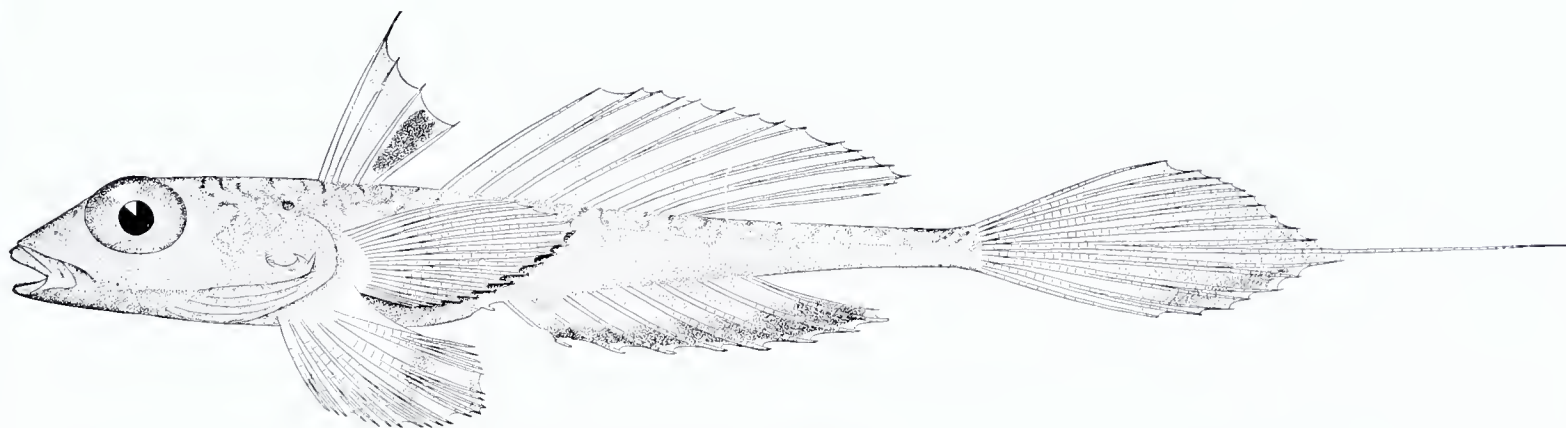
265. *LOPHOLATILUS CHAMELEONTICEPS*. (p. 284.)



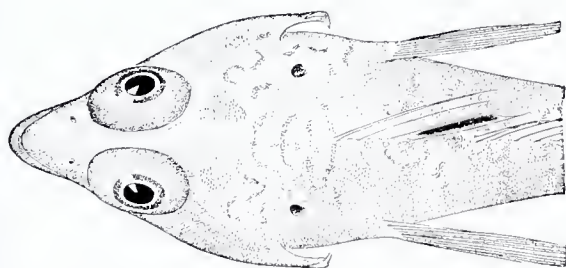
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268a

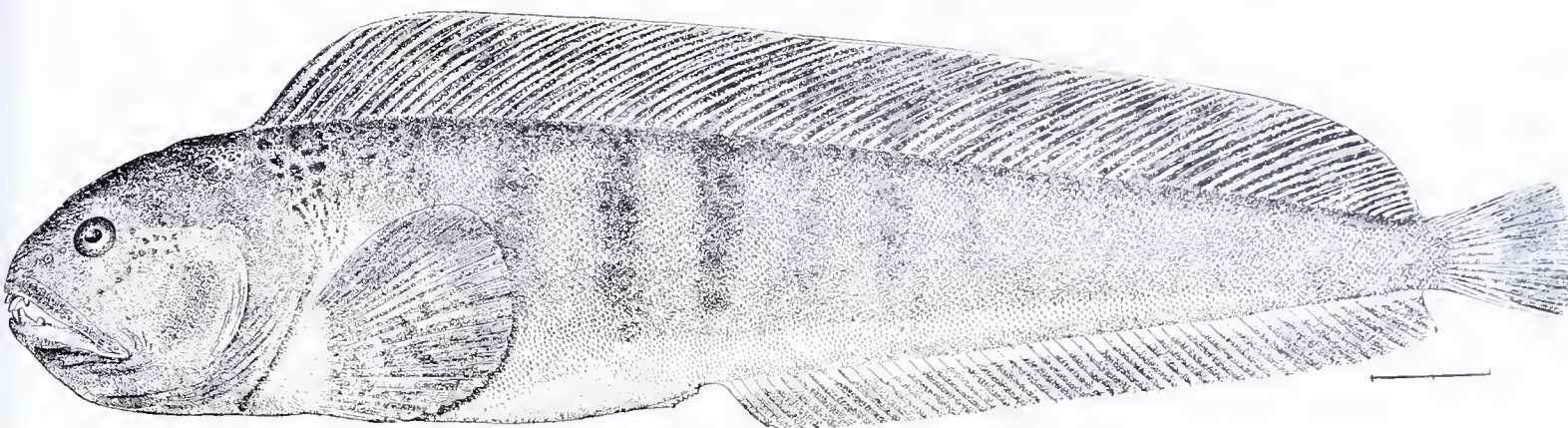


268b

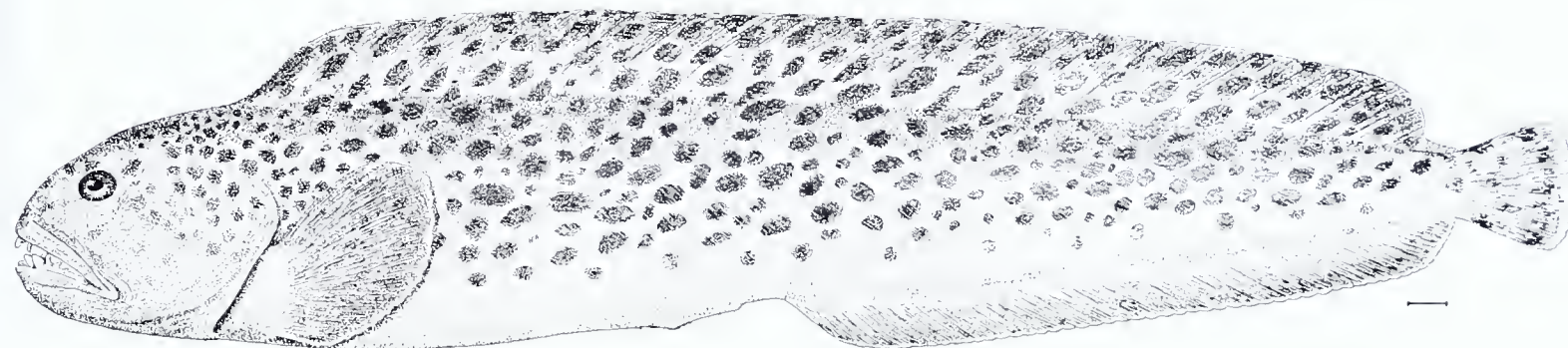
266. *PSEUDOSCOPELUS SCRIPTUS*. (p. 292.)

267. *PORICHTHYS POROSISSIMUS*. (p. 294.)

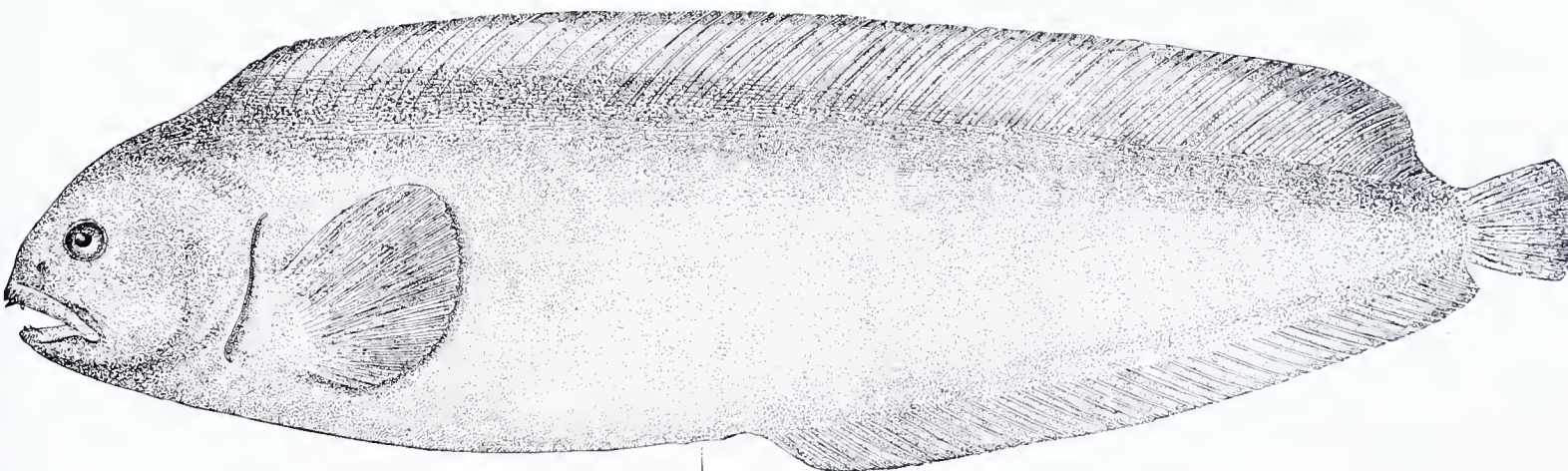
268, 268a, b. *CALLIONYMUS HIMANTOPHORUS*. (p. 296.)



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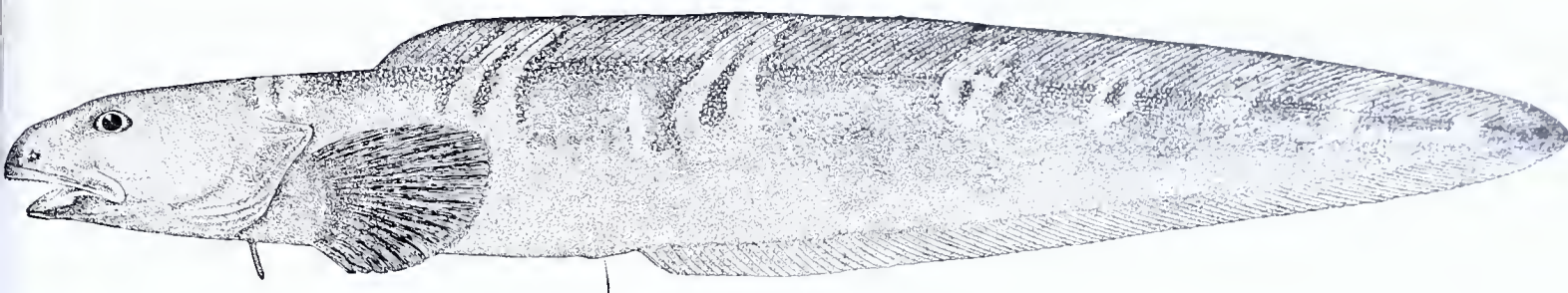


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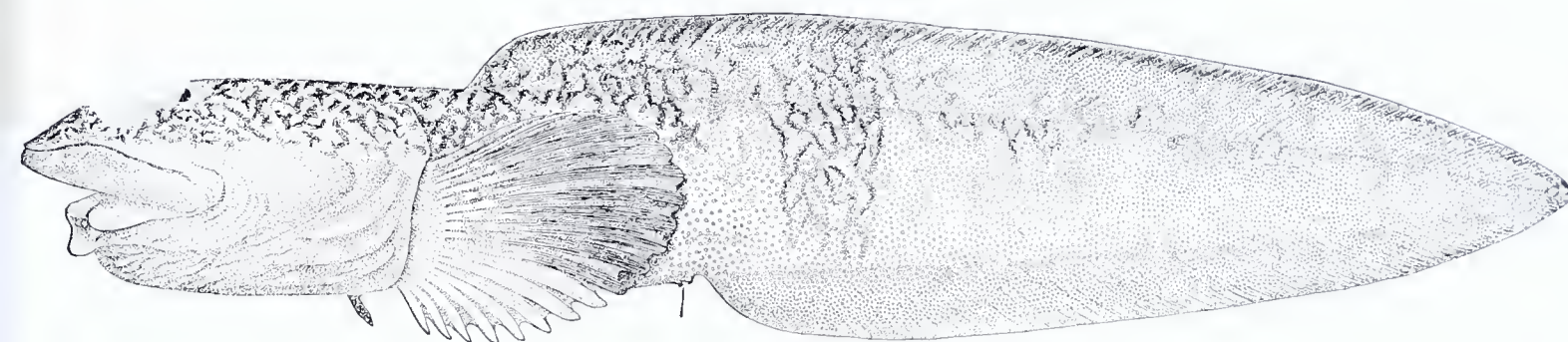
269. *ANARRHICHAS LUPUS*. (p. 299.)

270. *ANARRHICHAS MINOR*. (p. 301.)

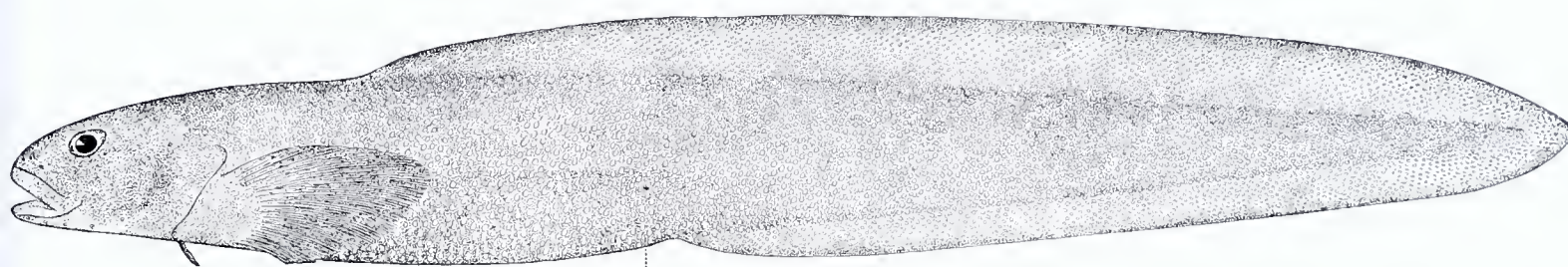
271. *ANARRHICHAS LATIFRONS*. (p. 301.)



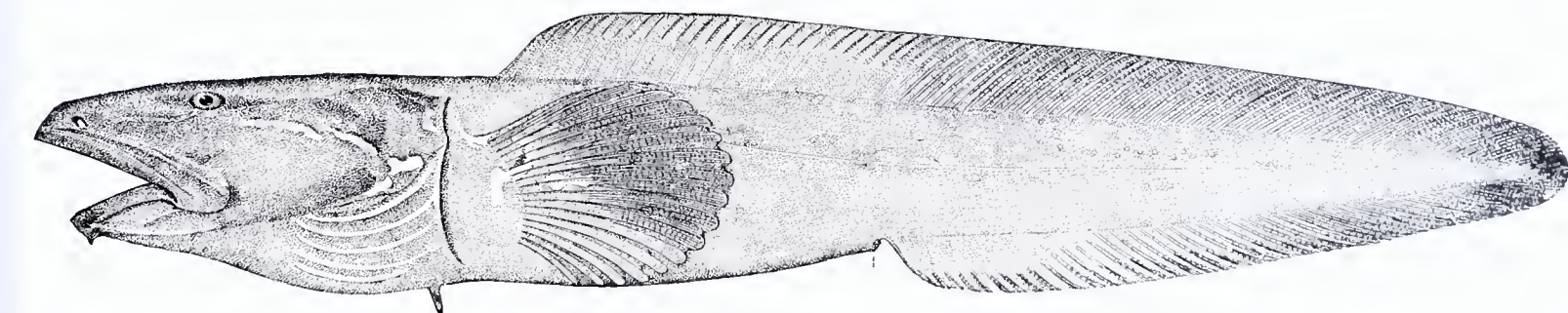
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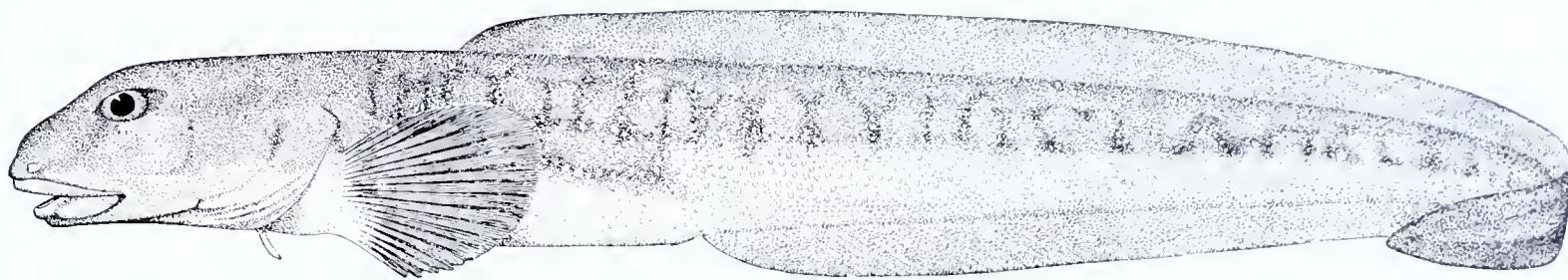
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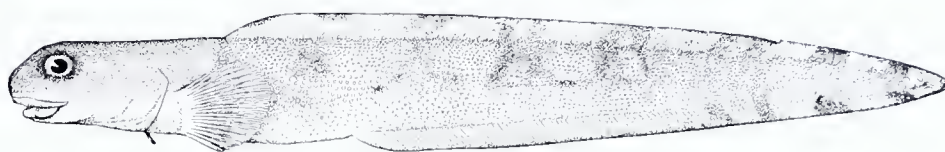
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272. *LYCODES ESMARKII*. (p. 303.)
274. *LYCODES FRIGIDUS*. (p. 305.)

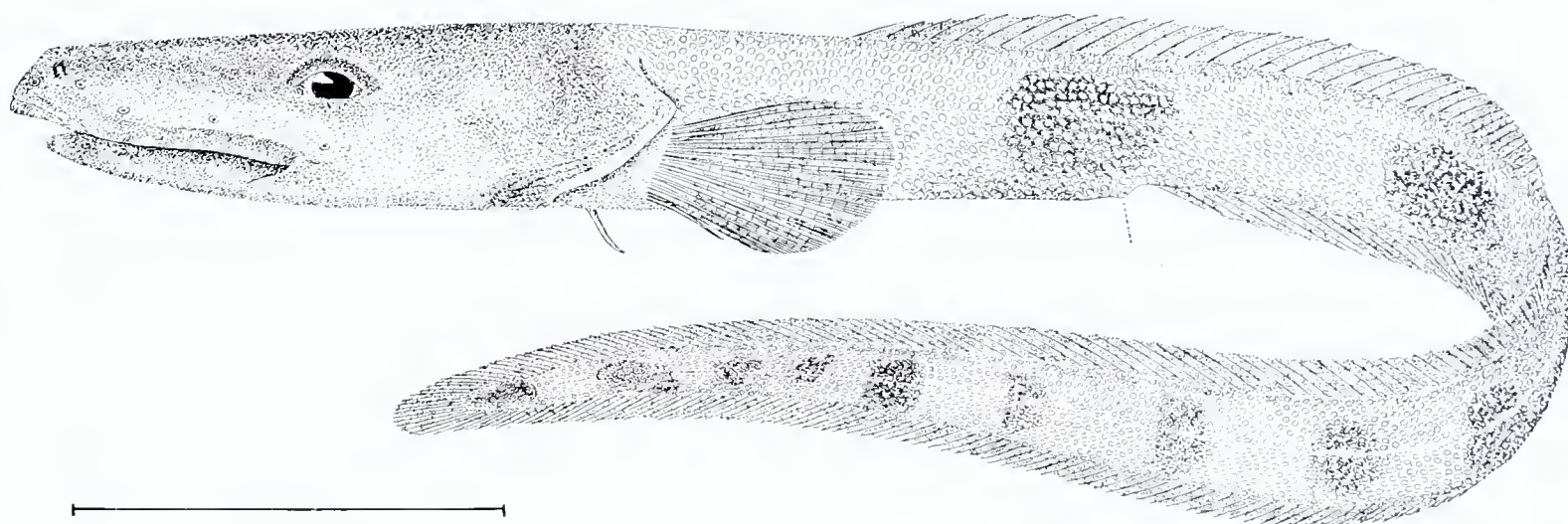
273. *LYCODES RETICULATUS*. (p. 305.)
275. *LYCODES MUCOSUS*. (p. 306.)



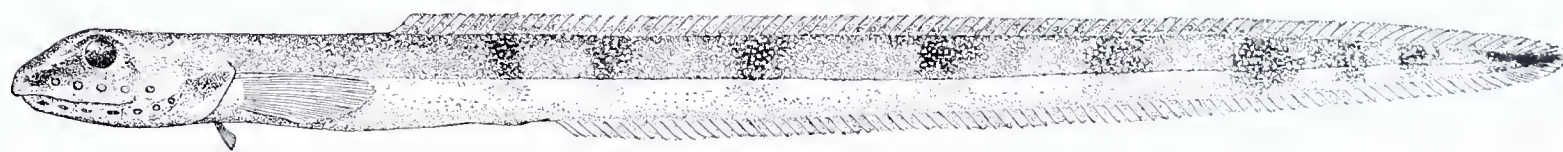
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276a



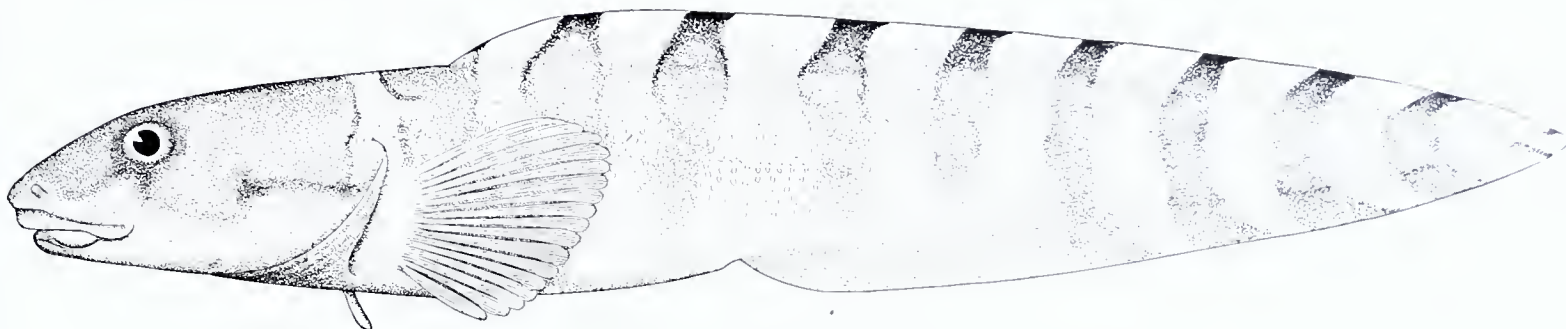
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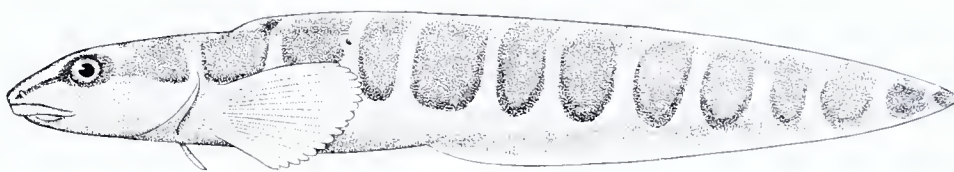
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276, 276a. *LYCODES ZOARCHUS*. (p. 308.)

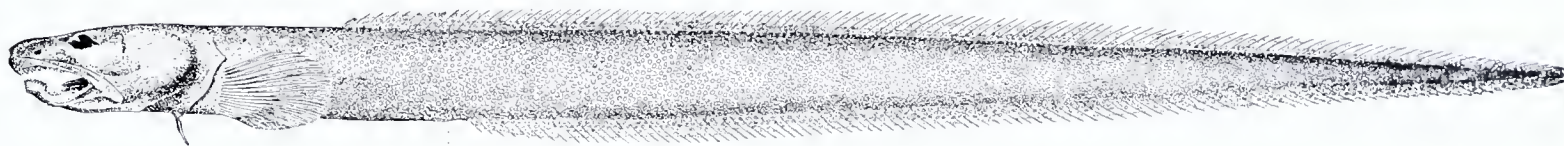
277, 277a. *LYCENCHELYS VERRILLII*. (p. 309.)



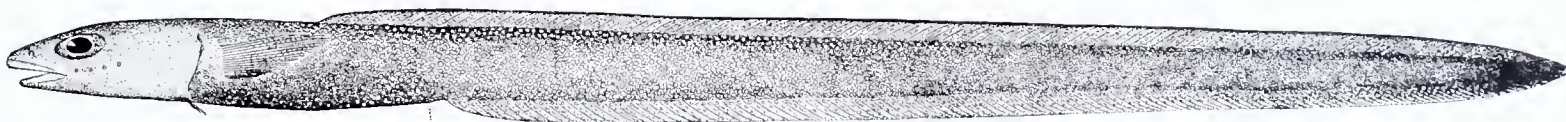
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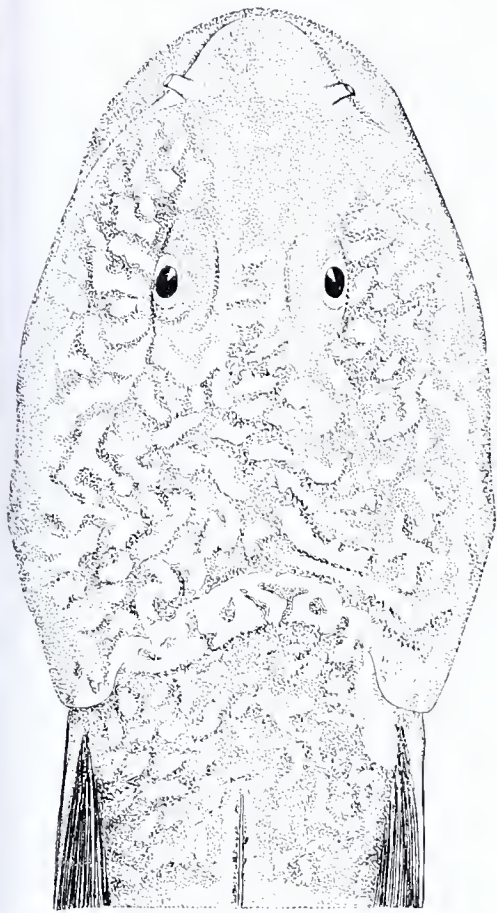


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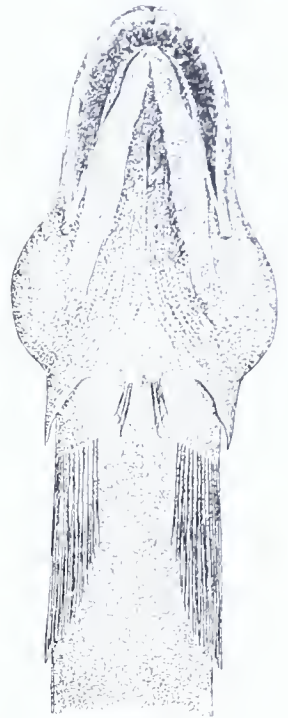
278, 278a. *LYCODES PERSPICILLUM*. (p. 307.) 279, 279a. *LYCENCHELYS PAXILLUS*. (p. 311.)
 280. *LYCODONUS MIRABILIS*. (p. 312.)



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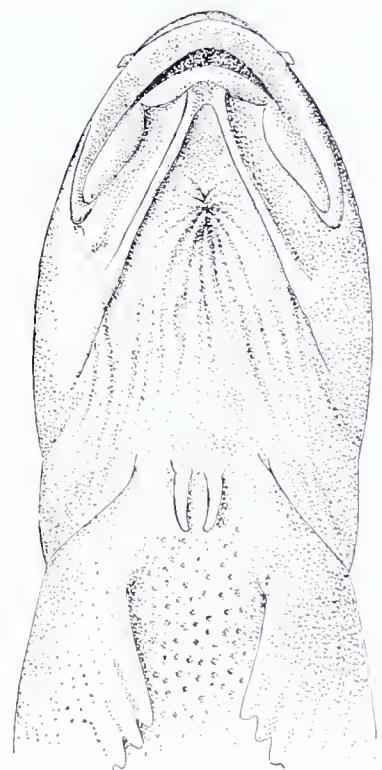
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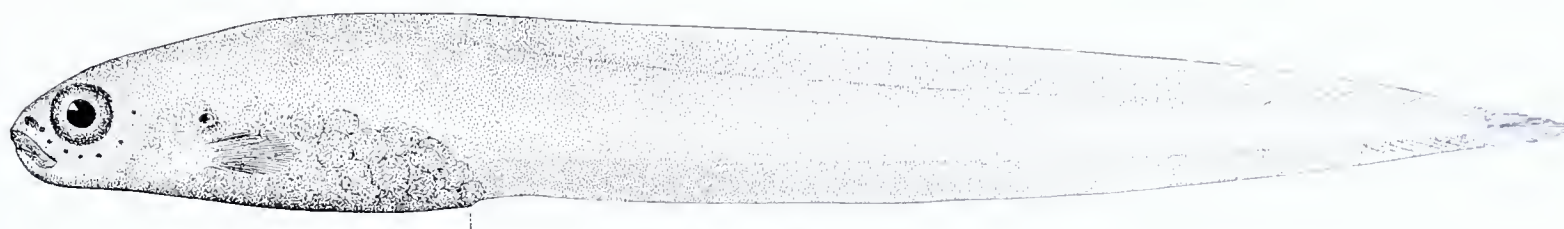
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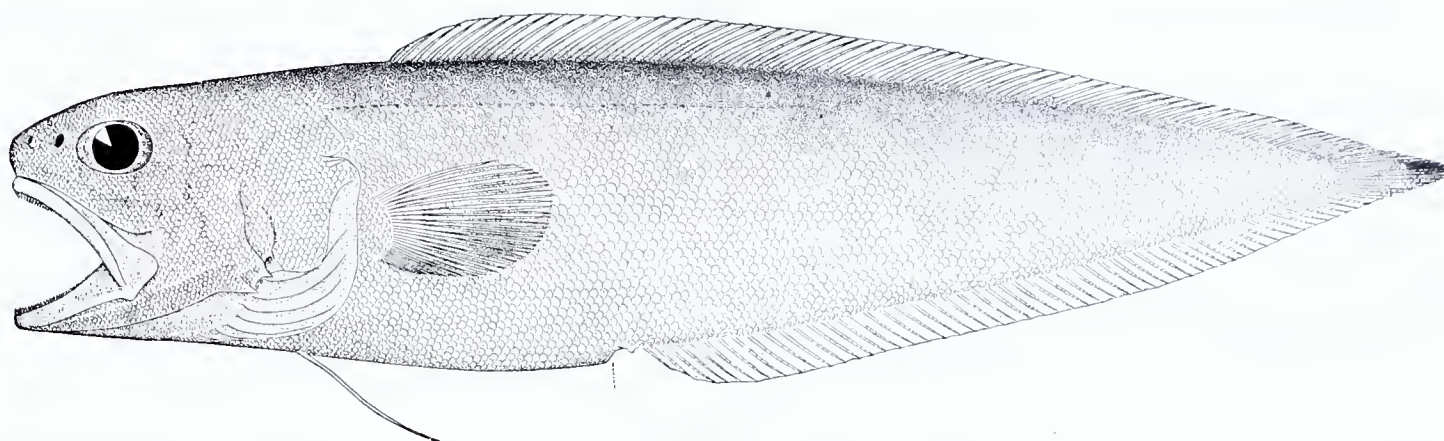
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281a, b. *LYCODES RETICULATUS*. (p. 305.)
283a, b. *LYCODES MUCOSUS*. (p. 306.)

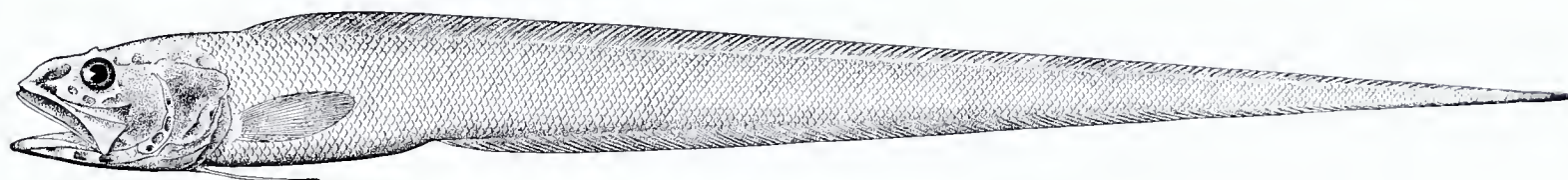
282. *LYCENCHIELYS FAXILLUS*. (p. 311.)
283c. *LYCODES ZOARCHUS*. (p. 308.)



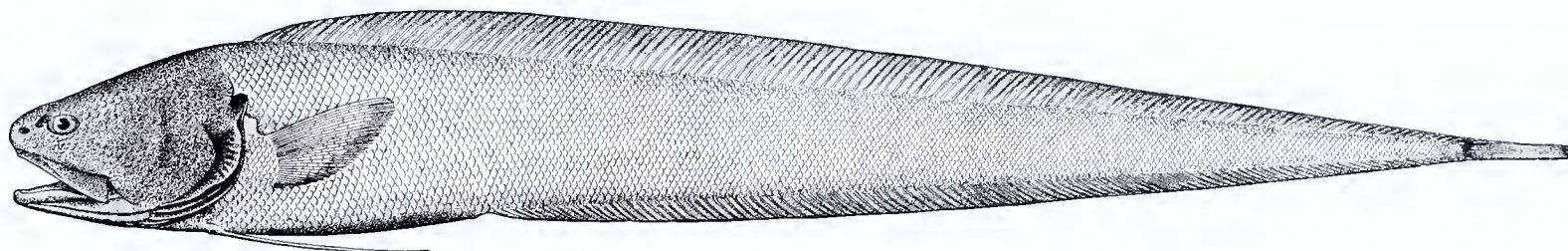
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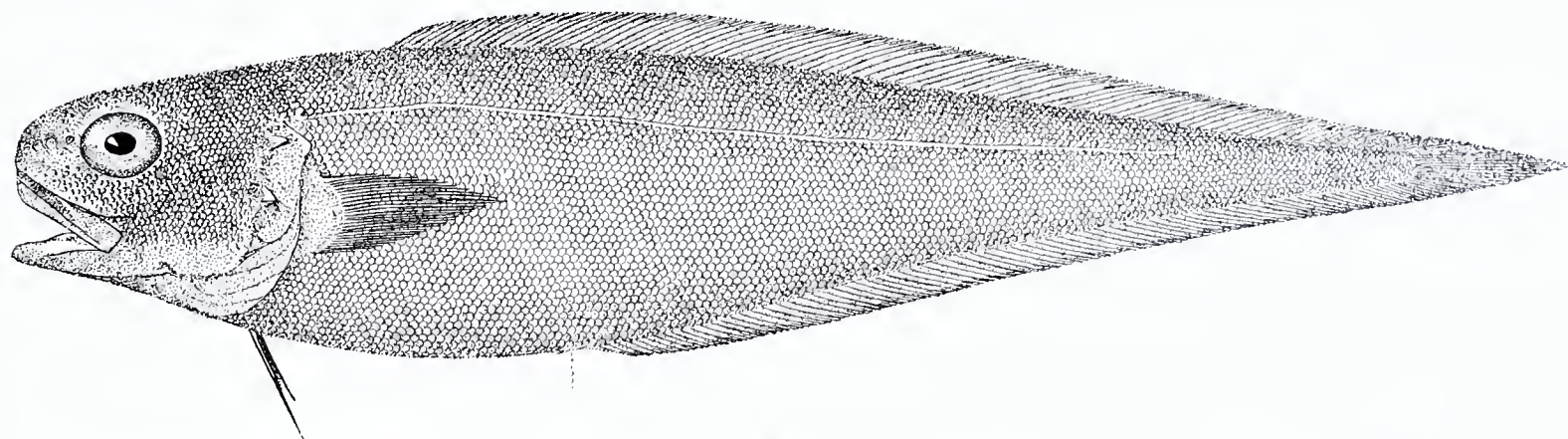
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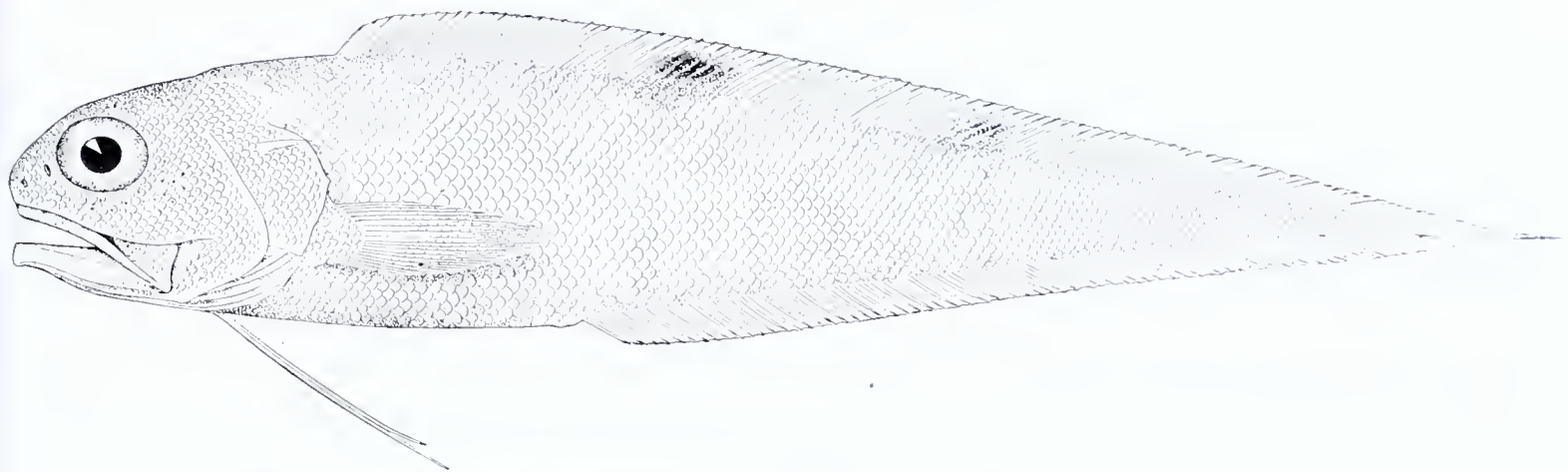
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286. BASSOZETUS CATENA. (p. 323.)

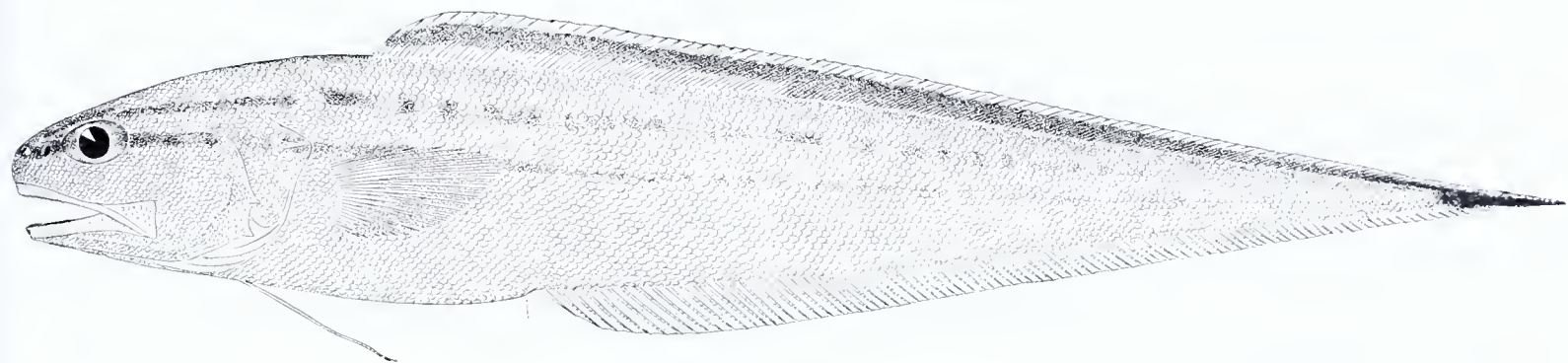
285. DICROMITA AGASSIZII. (p. 319.)

287. BASSOZETUS NORMALIS. (p. 322.)

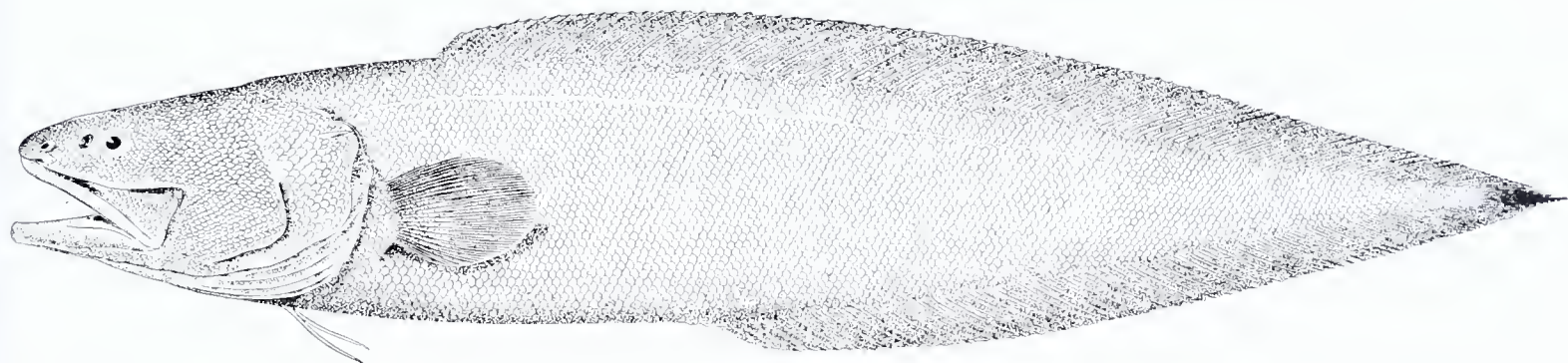
288. BENTHOCOMETES ROBUSTUS. (p. 327.)



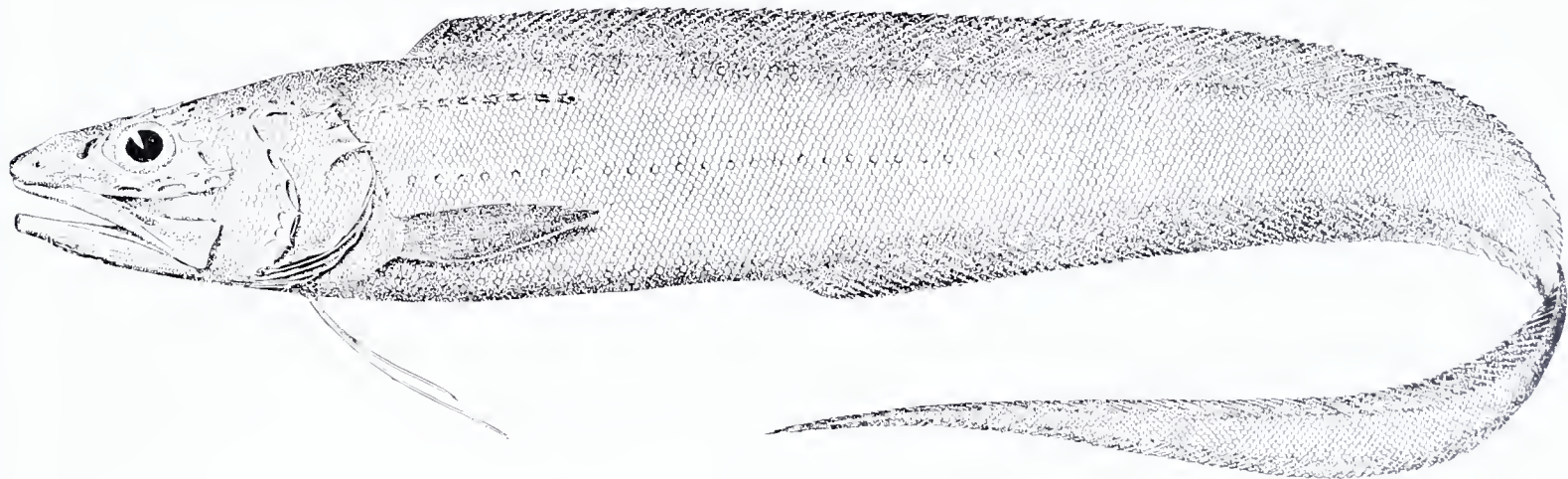
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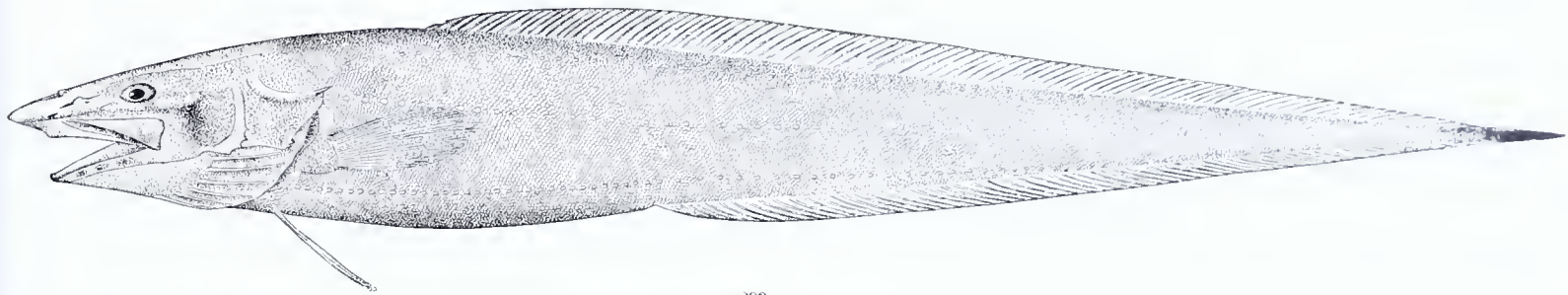
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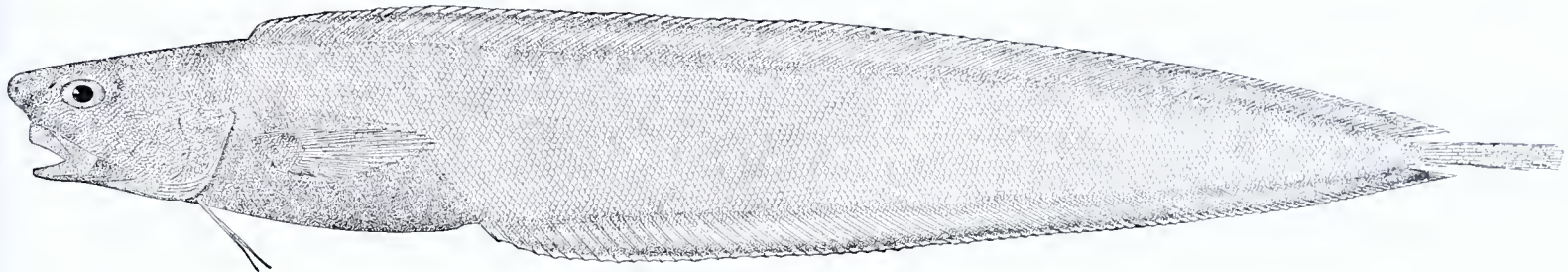
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289. NEOPYTHITES GILLII. (p. 325.)
291. BASSOGIGAS GILLII. (p. 328.)

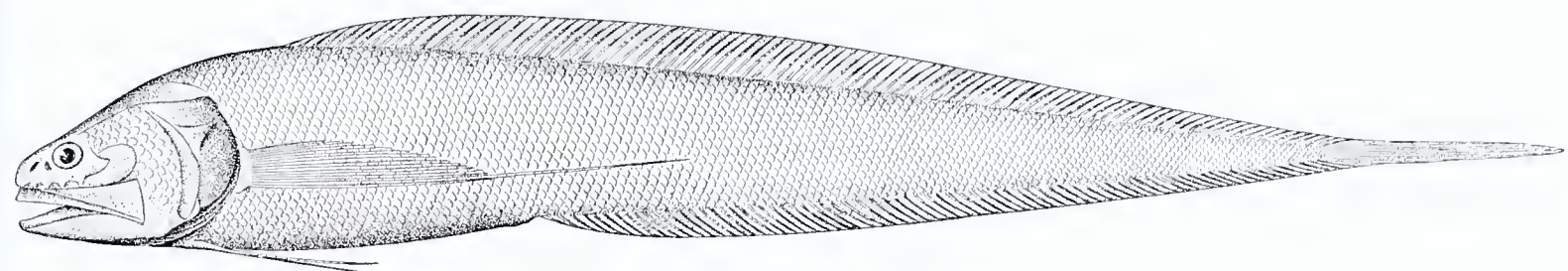
290. NEOPYTHITES MARGINATUS. (p. 326.)
292. POROGADUS MILES. (p. 334.)



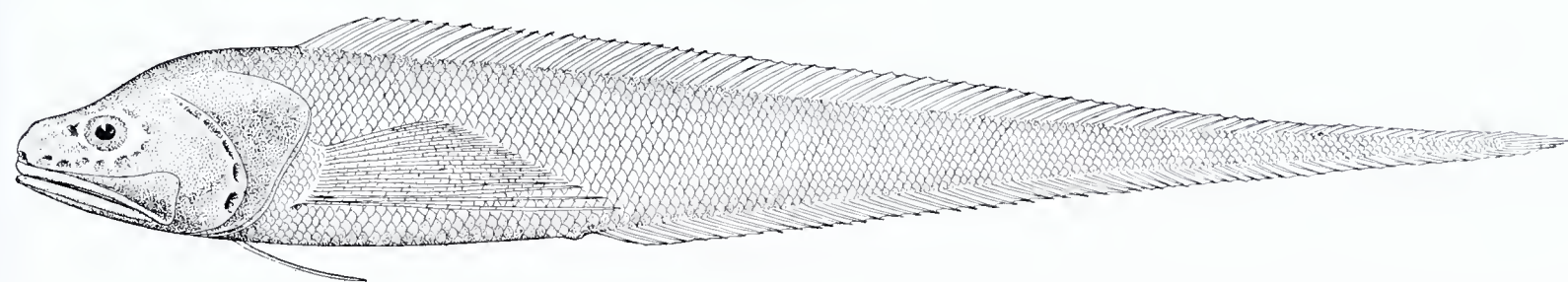
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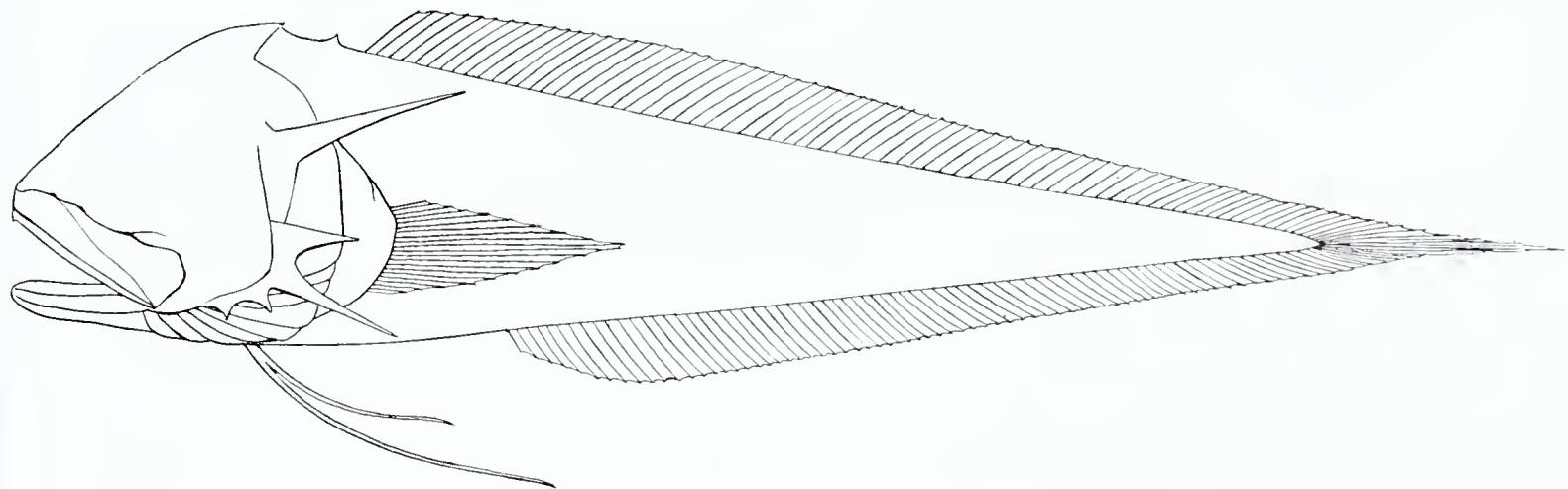
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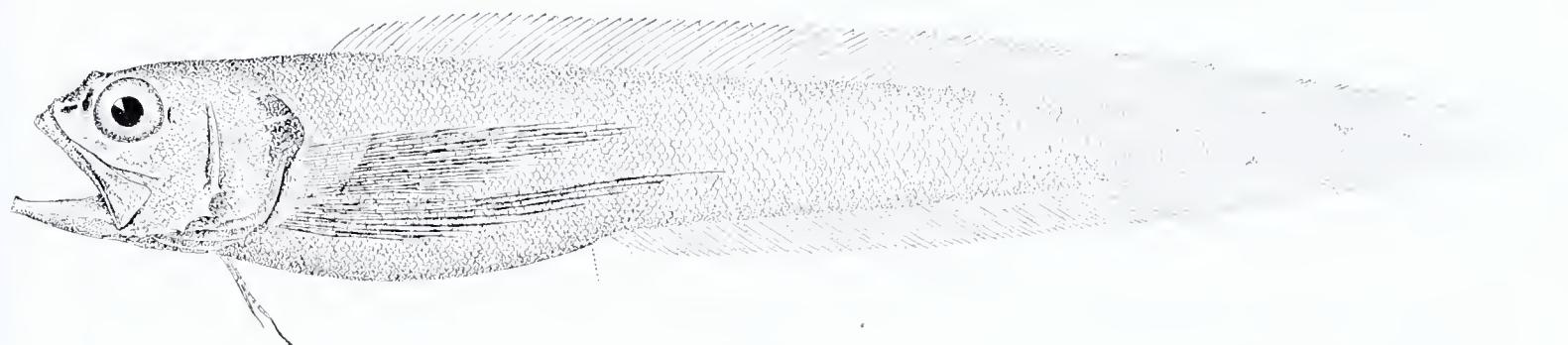
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293. *PENOPUS MACDONALDI*. (p. 336.)

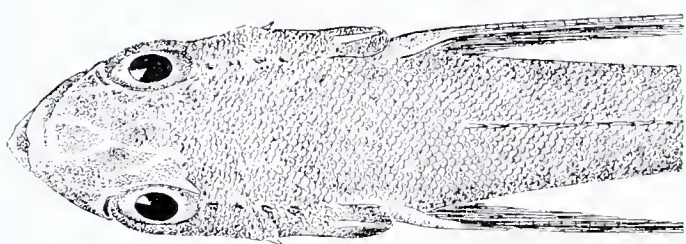
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296b. *TAUREDOPHIDIUM HEXTH*. (p. 336.)
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296a. *MIXONUS LATICEPS*. (p. 339.)



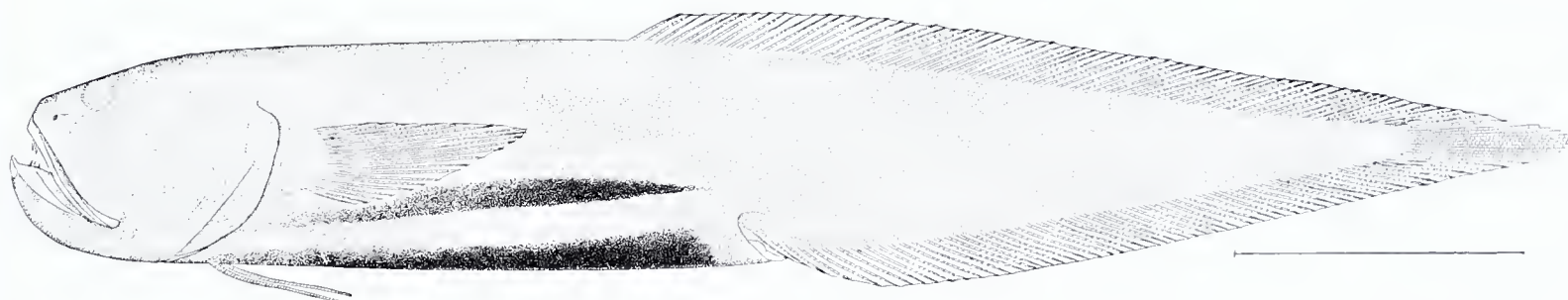
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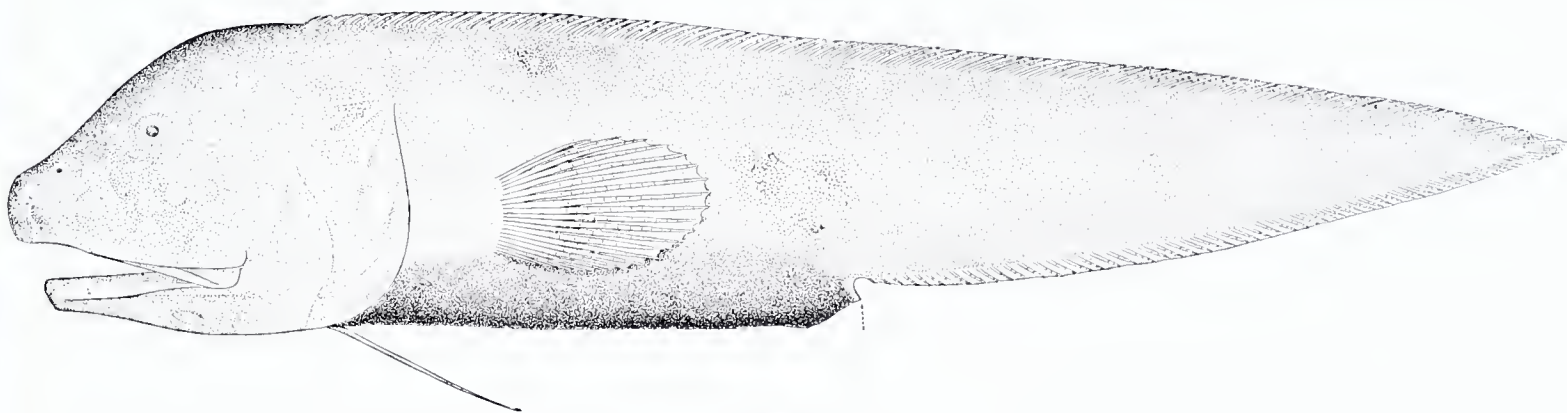
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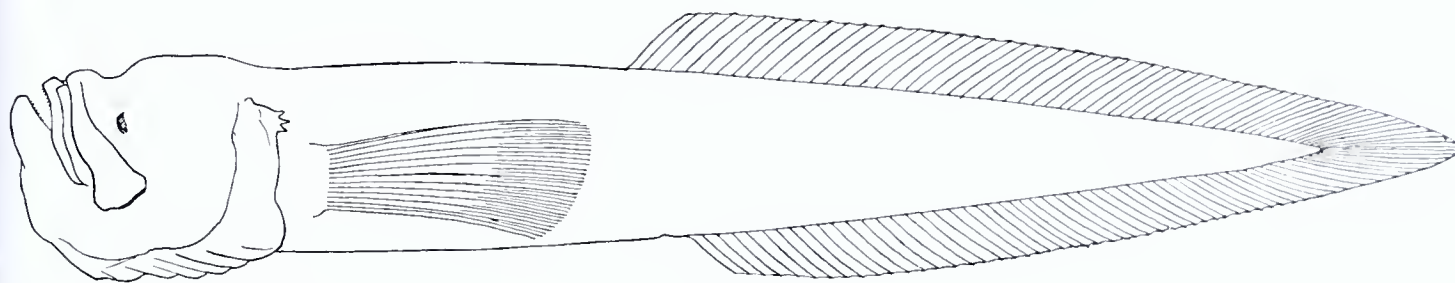


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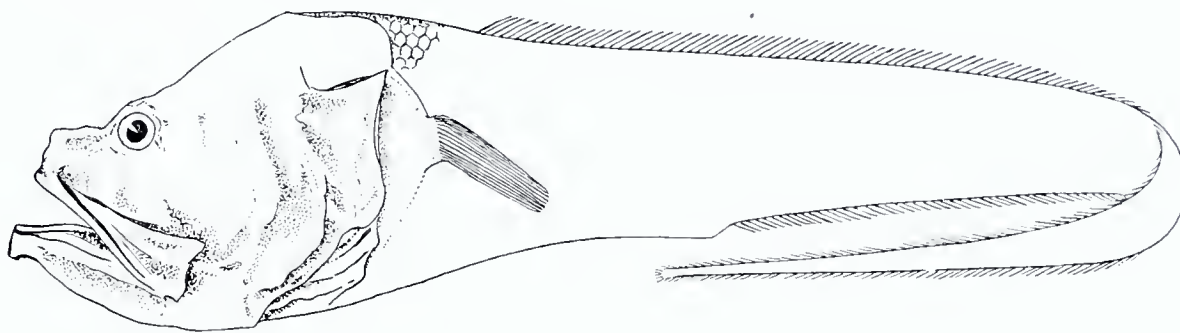
297, 297a, b. *DICRÖLENE INTRONIGRA*. (p. 338.)

298. *BARATHRONUS BICOLOR*. (p. 341.)

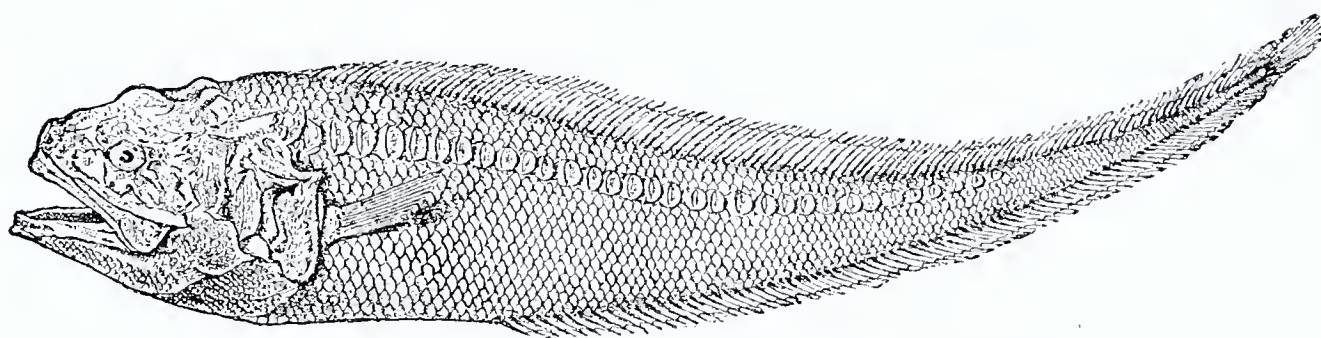
299. *APHYONIUS MOLLIS*. (p. 342.)



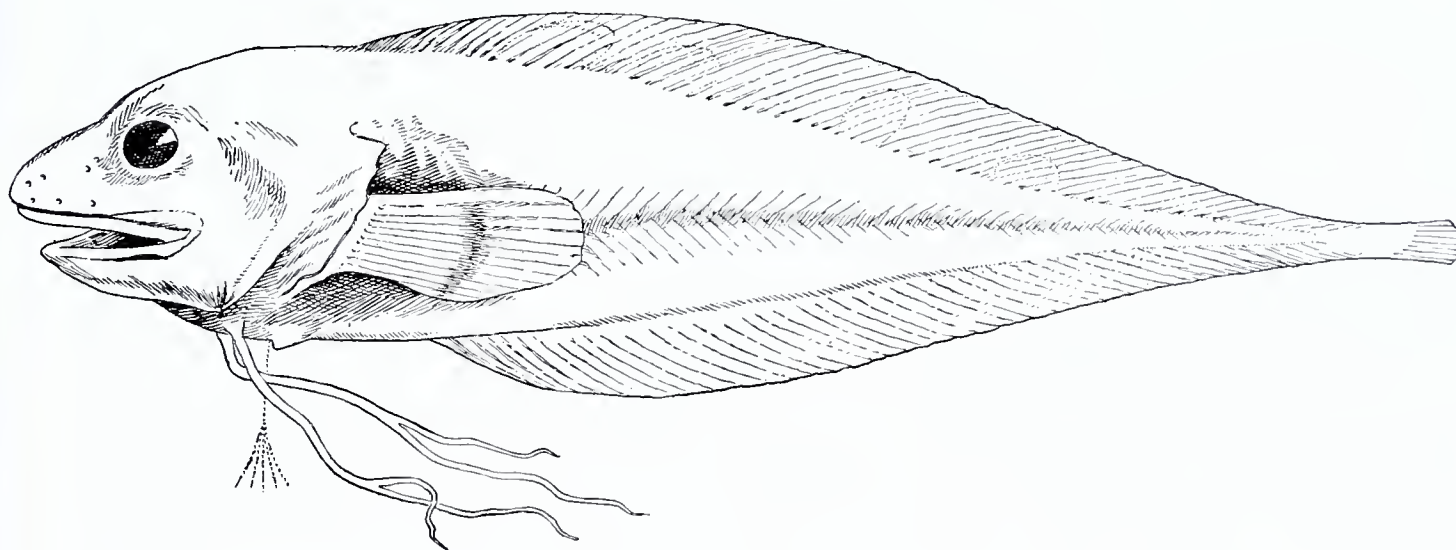
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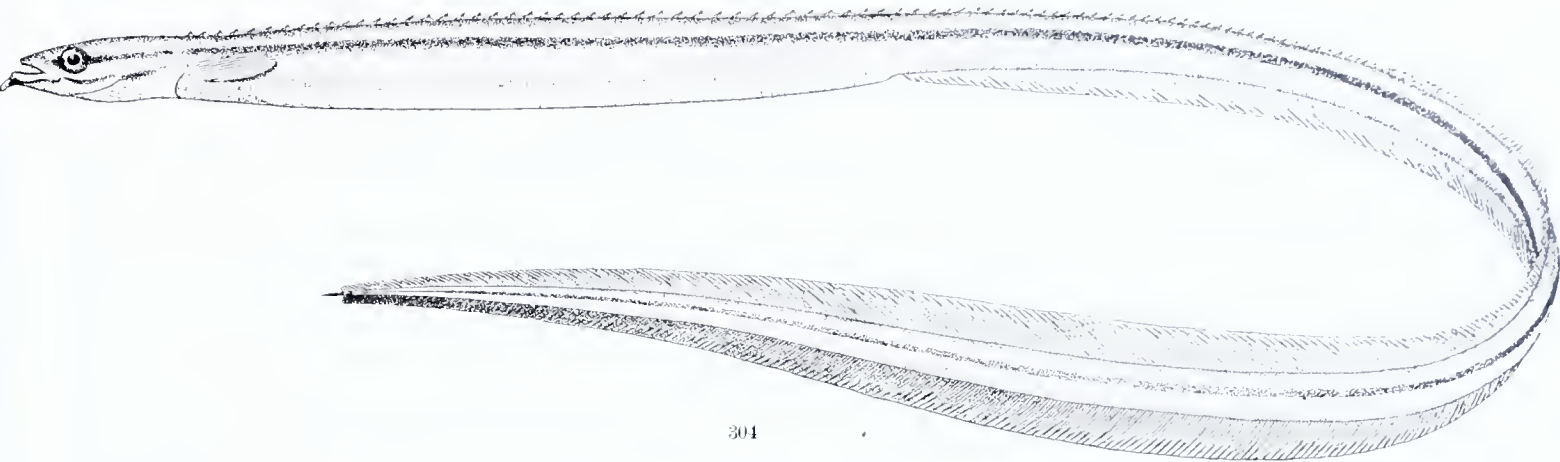
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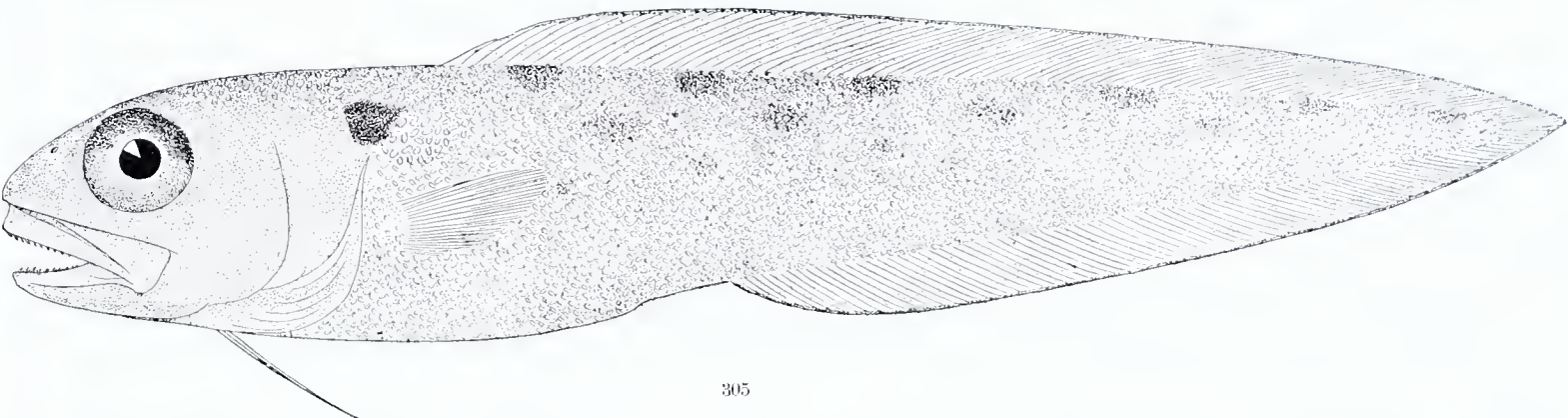
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300. ALEXETERION PARFAITHI. (p. 343.)
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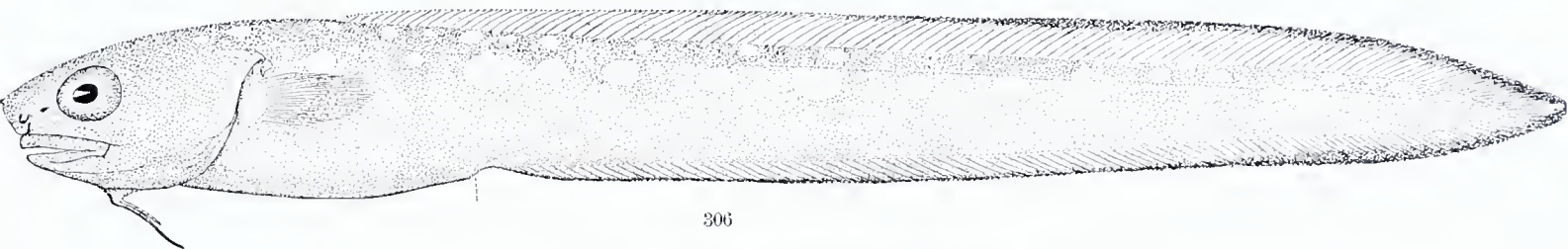
301. HEPHTHOCARA SIMUM. (p. 344.)
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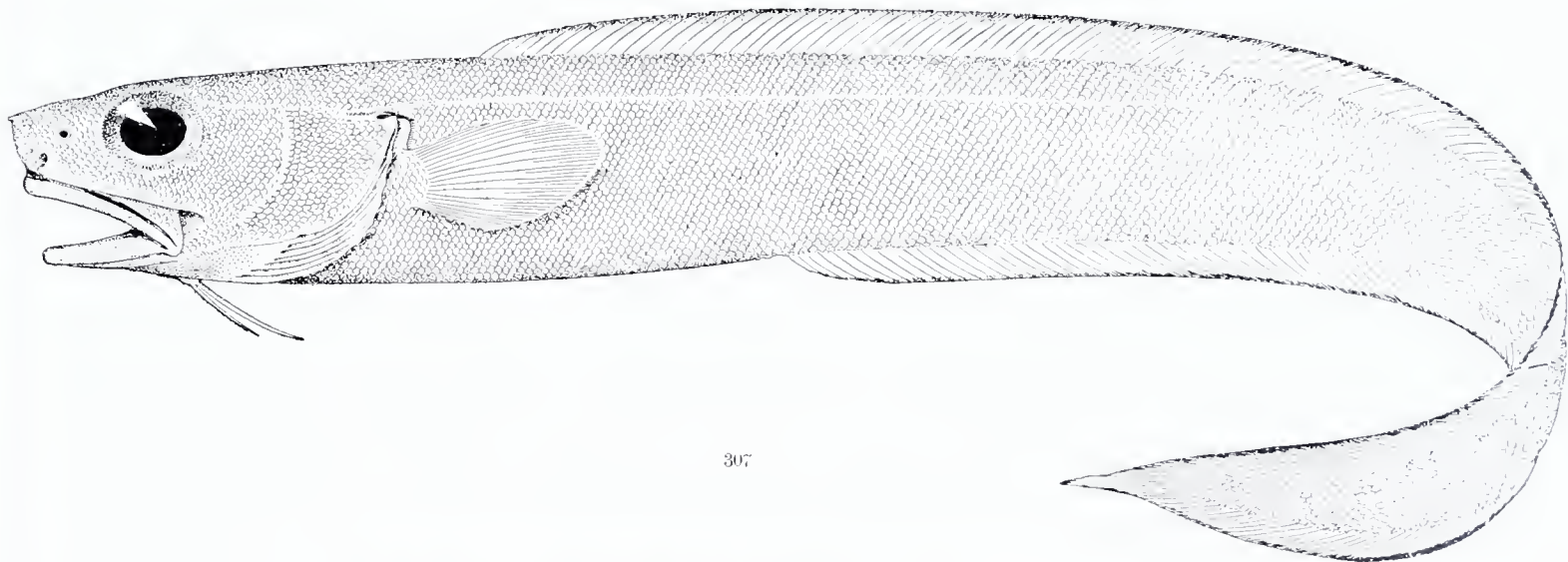
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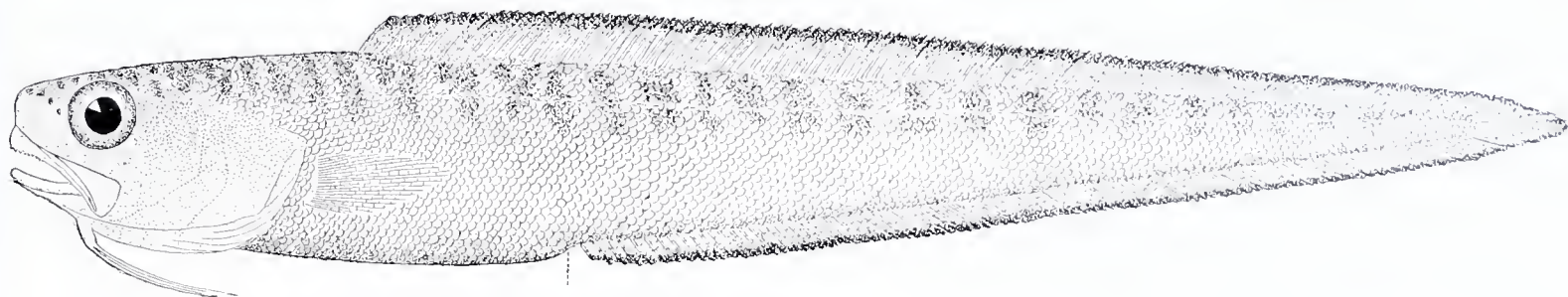
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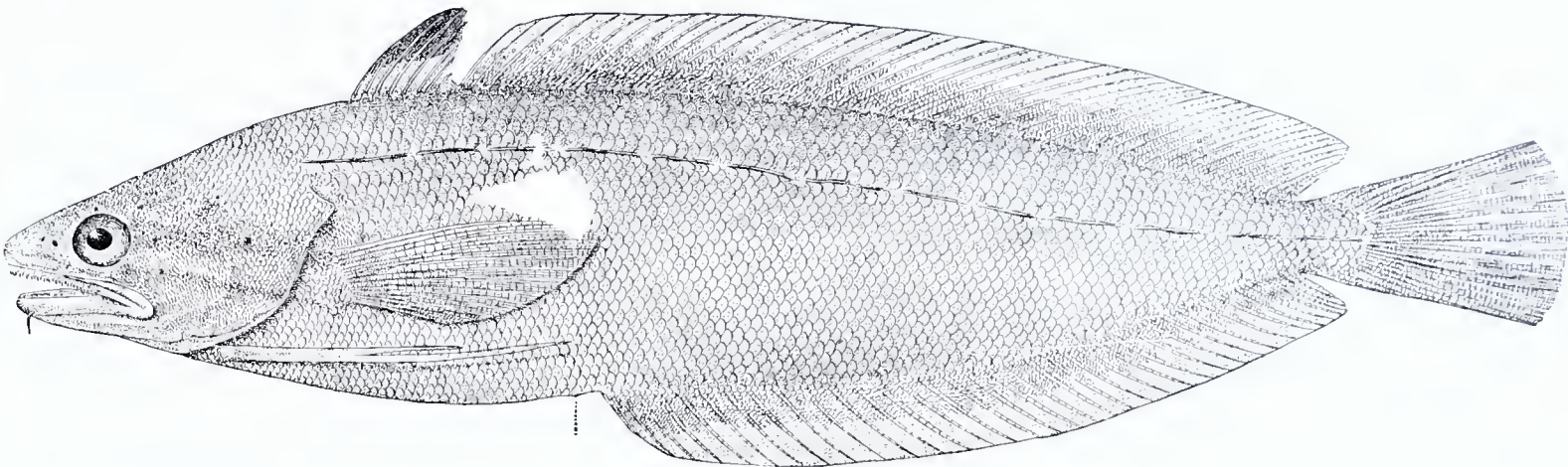


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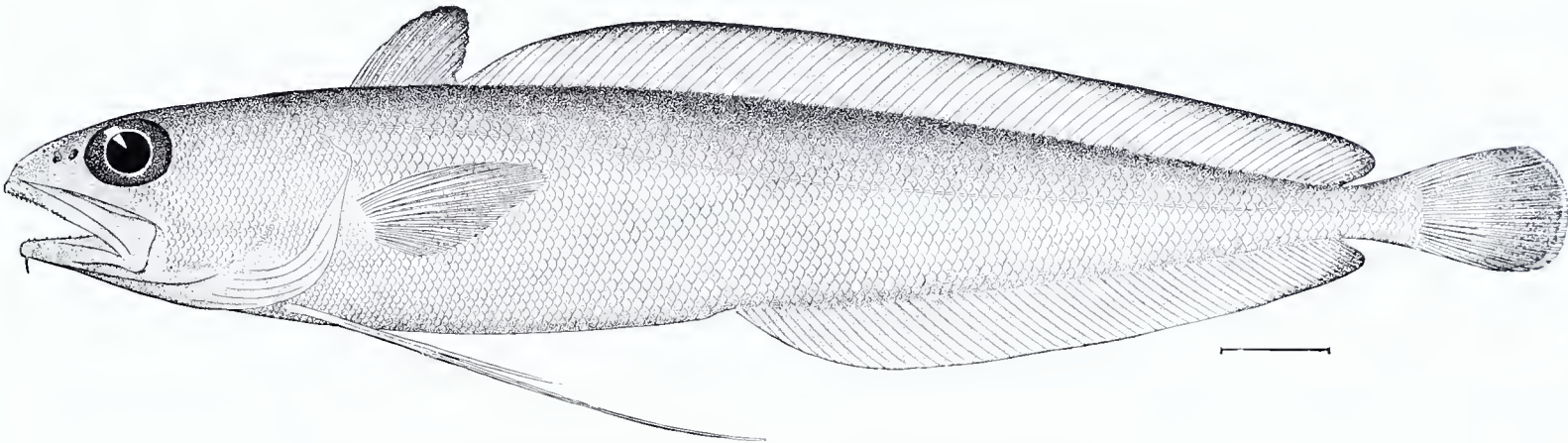


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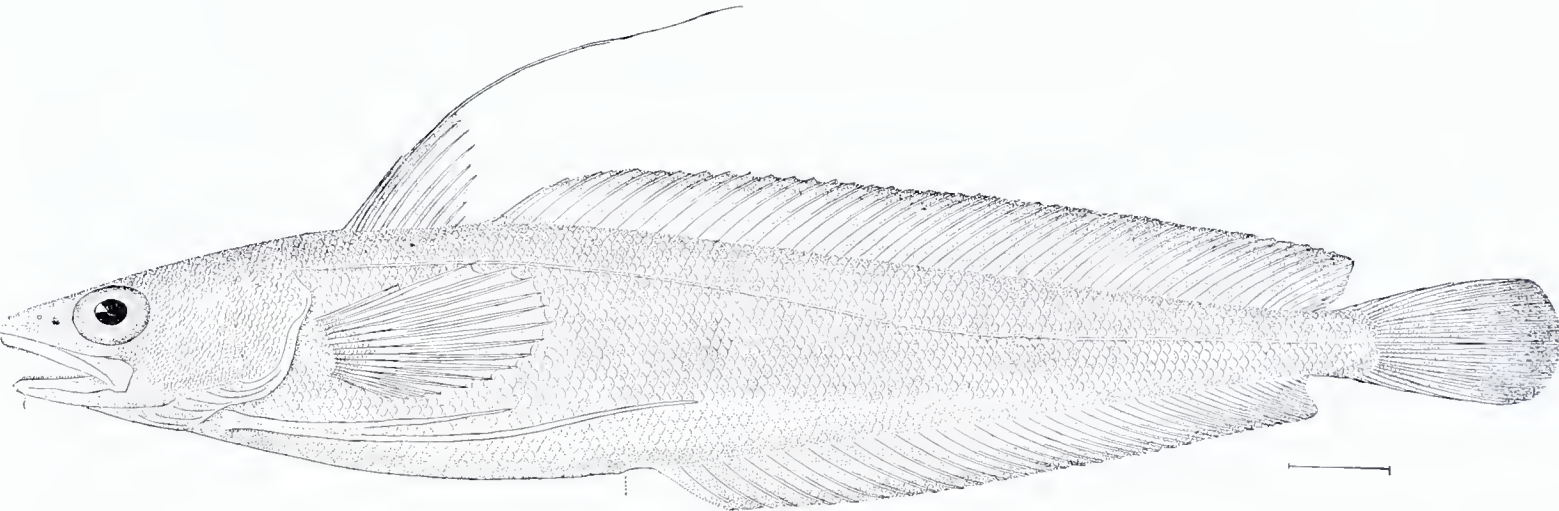
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| 304. PTILICHTHYS GOODEI. (p. 302.) | 305. OTOPHIDIUM OMOSTIGMA. (p. 315.) |
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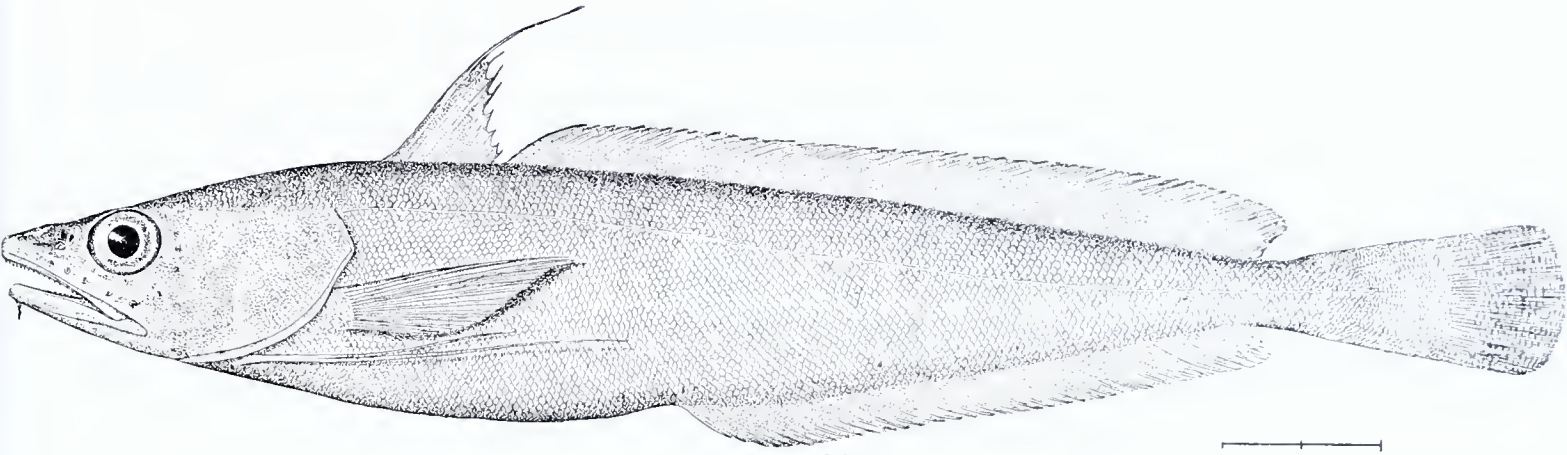


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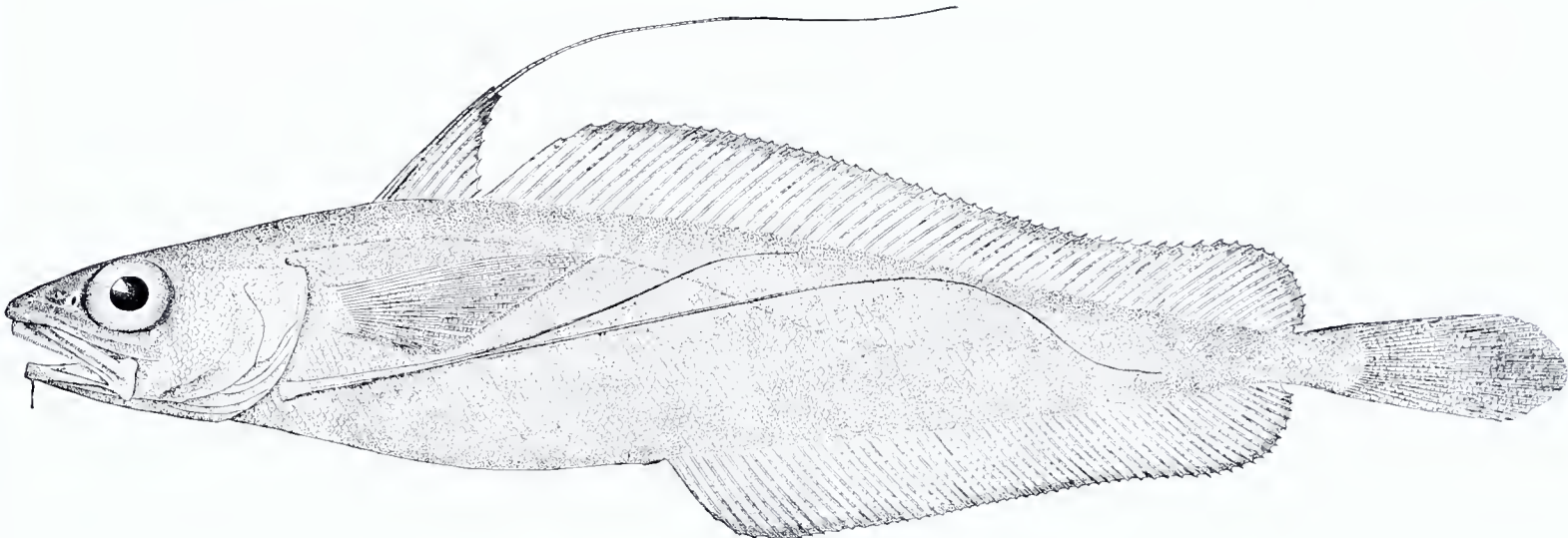
309. PHYCIS REGIUS. (p. 357.)

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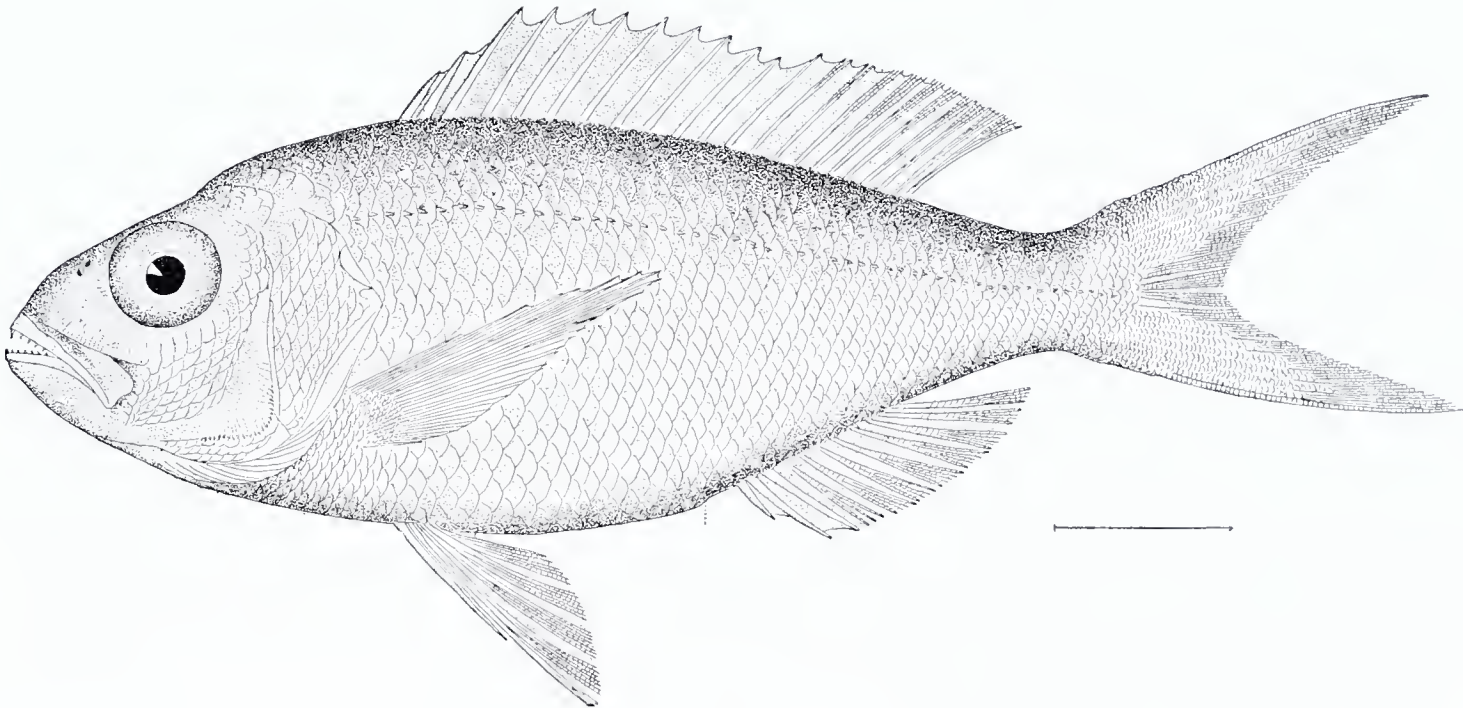
311. PHYCIS CHUSS. (p. 359.)



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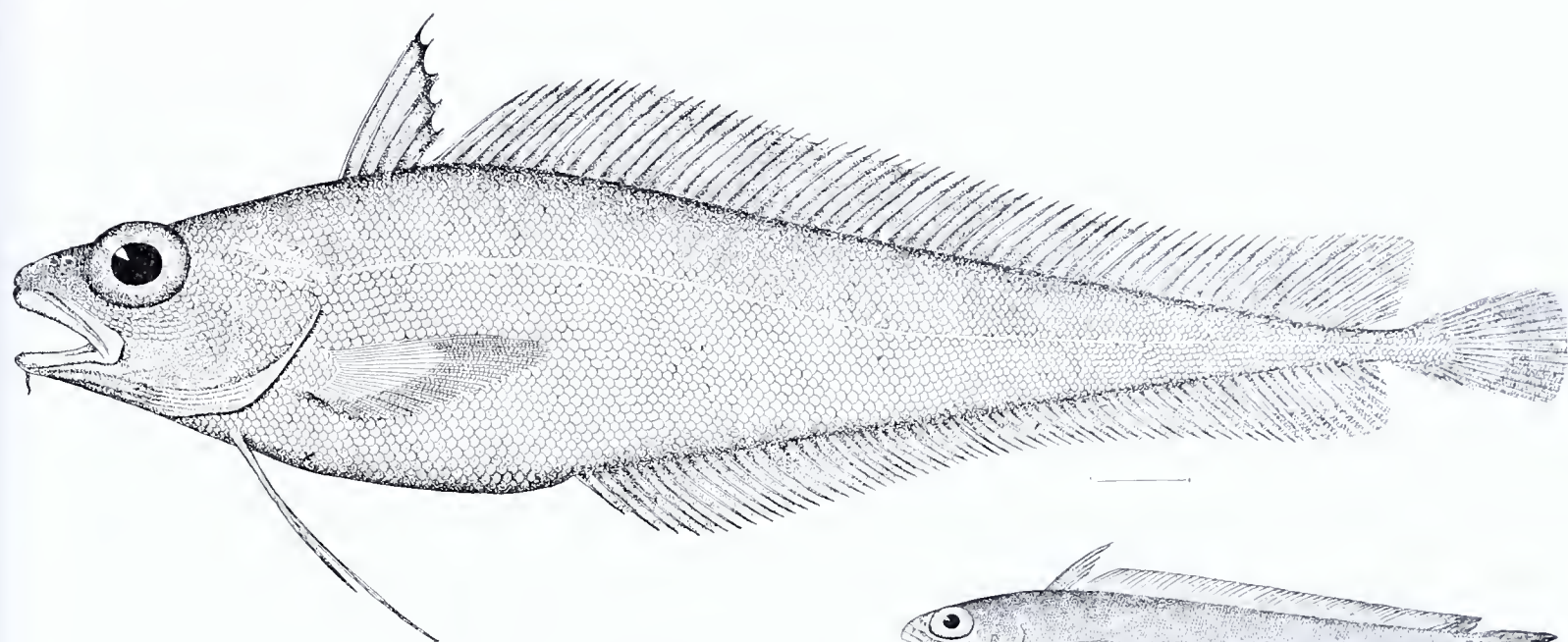


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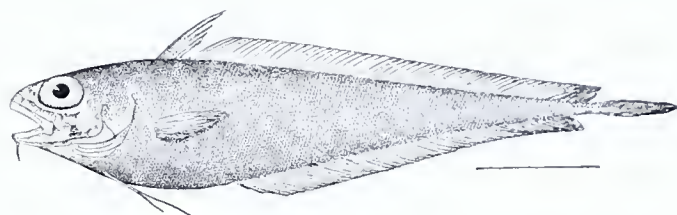
312. *Phycis tenuis*. (p. 359.)

313. *Phycis chesteri*. (p. 360.)

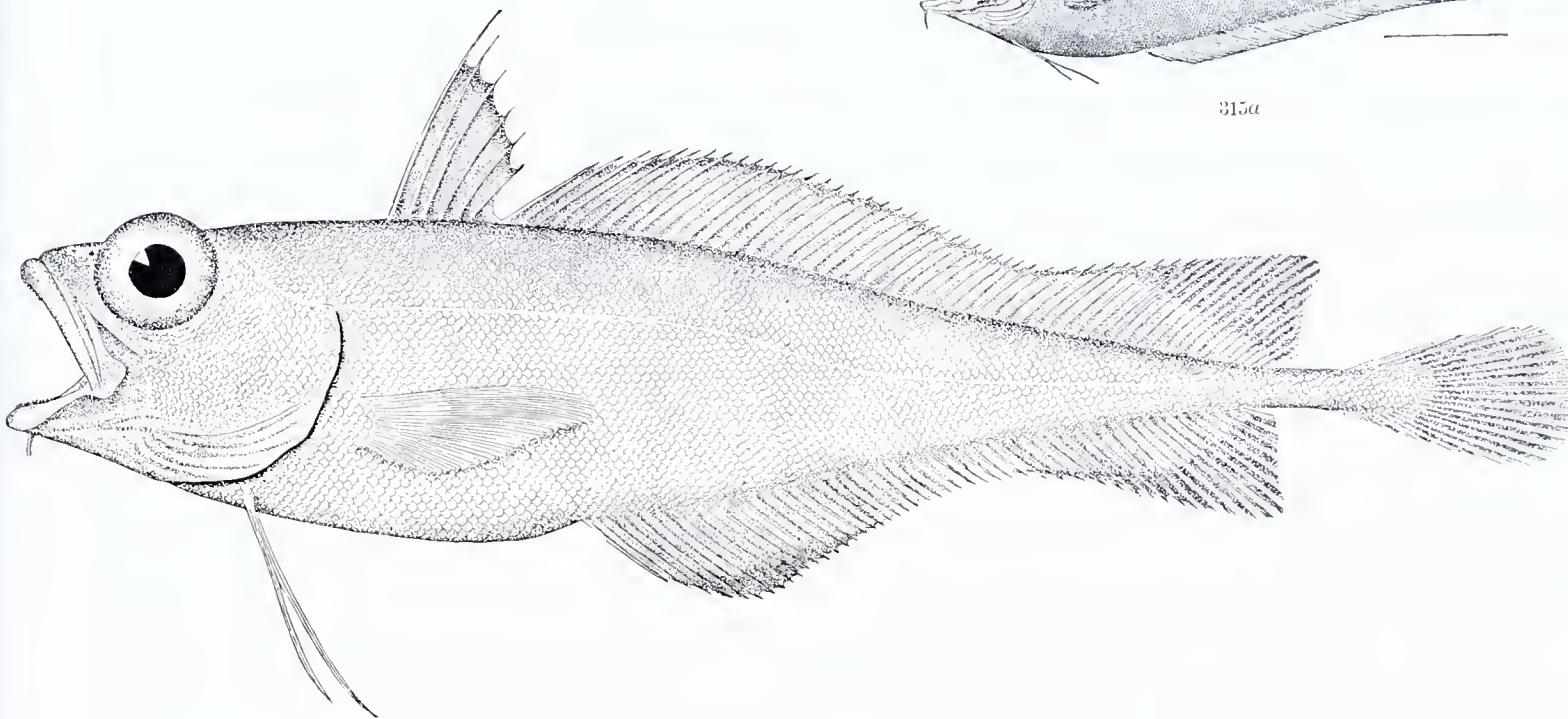
314. *Aprion macrophthalmus*. (p. 339.)



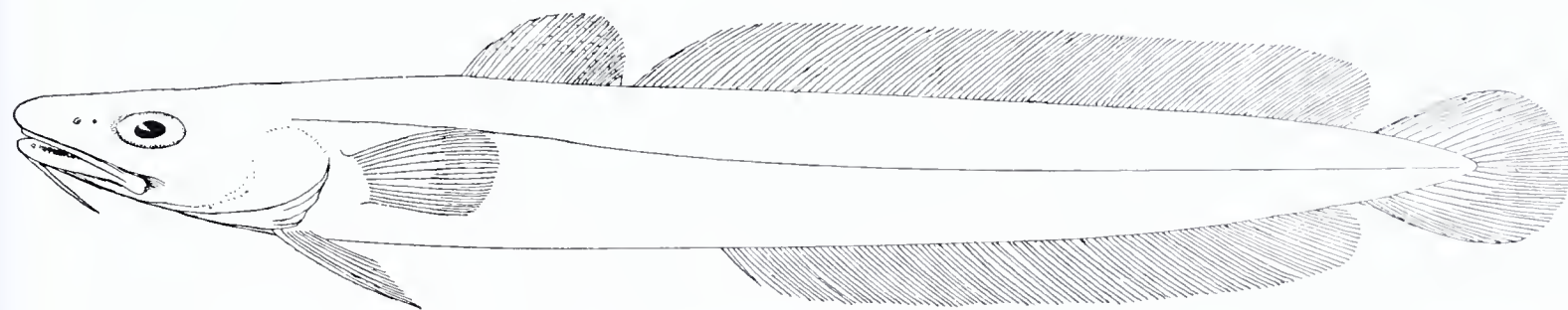
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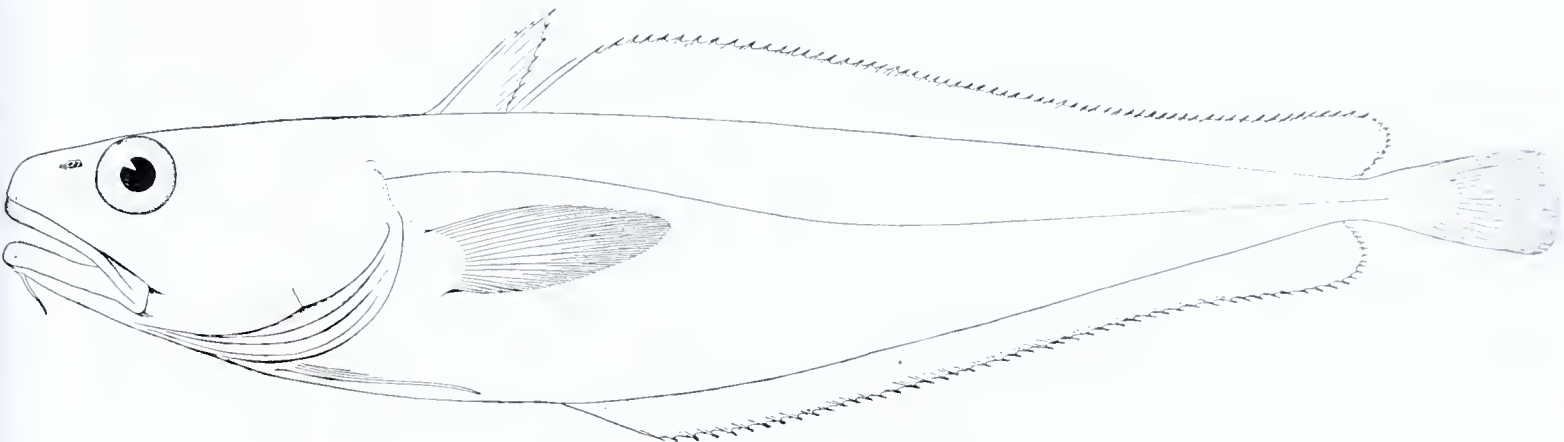


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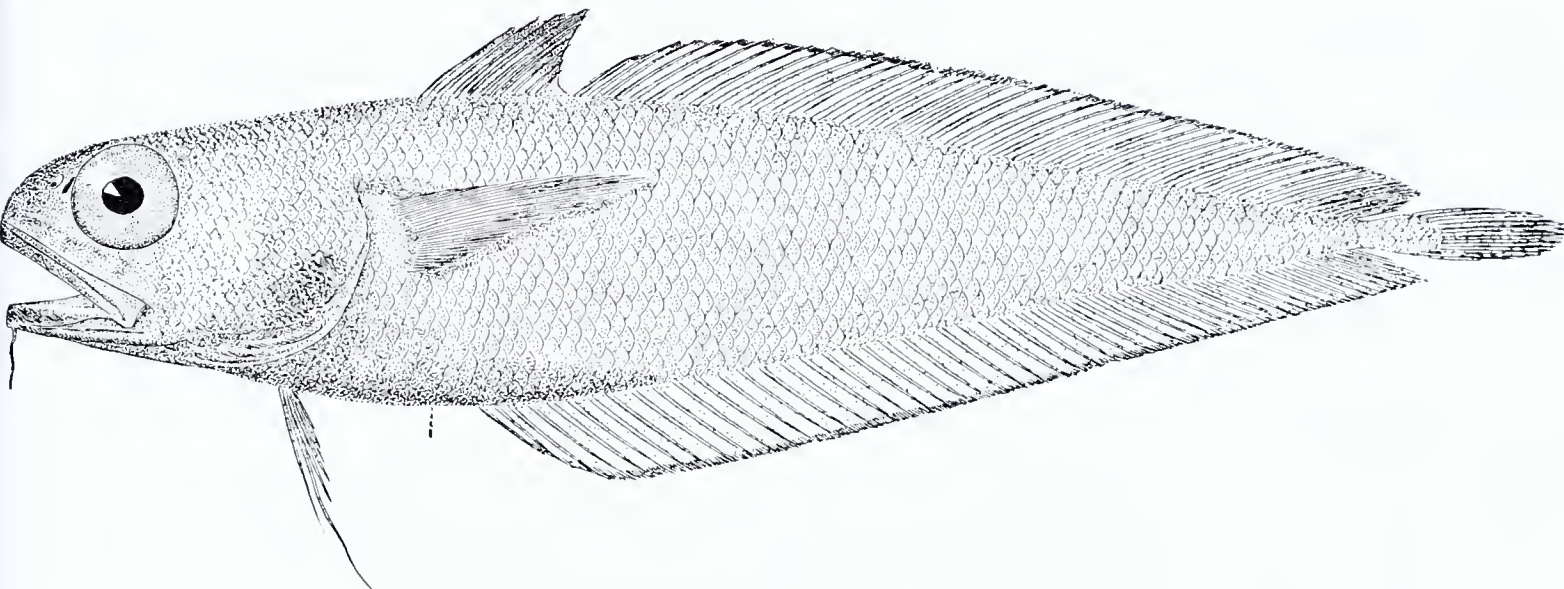
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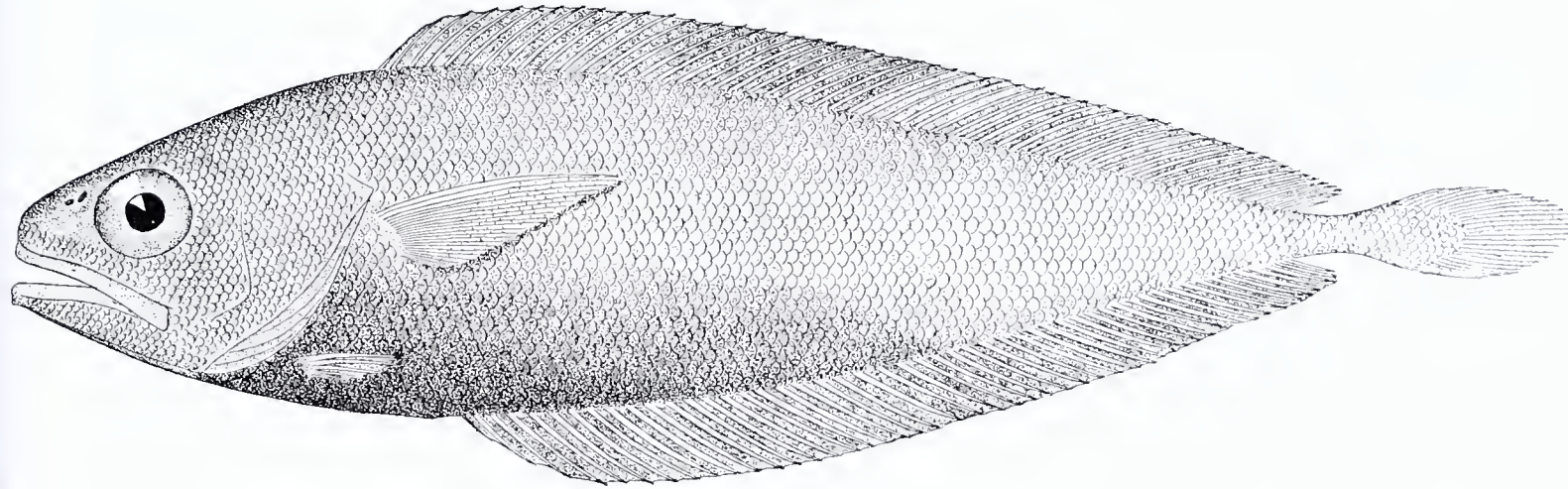
317. MOLVA VULGARIS. (p. 364.)



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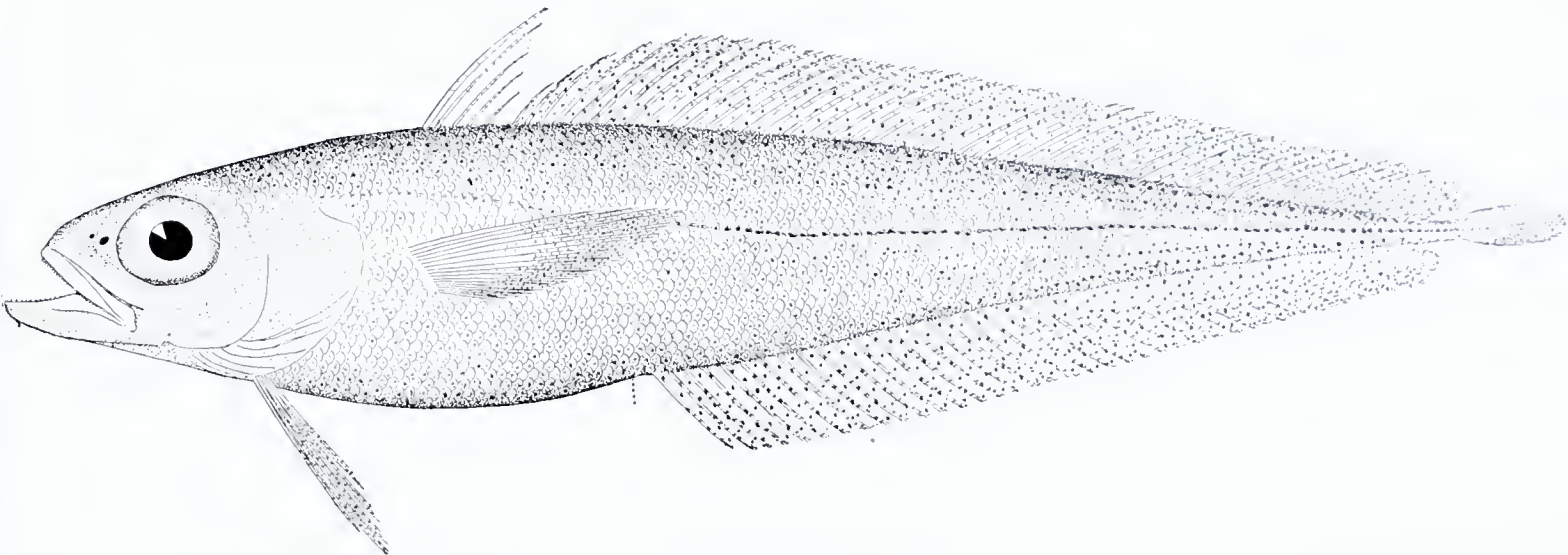


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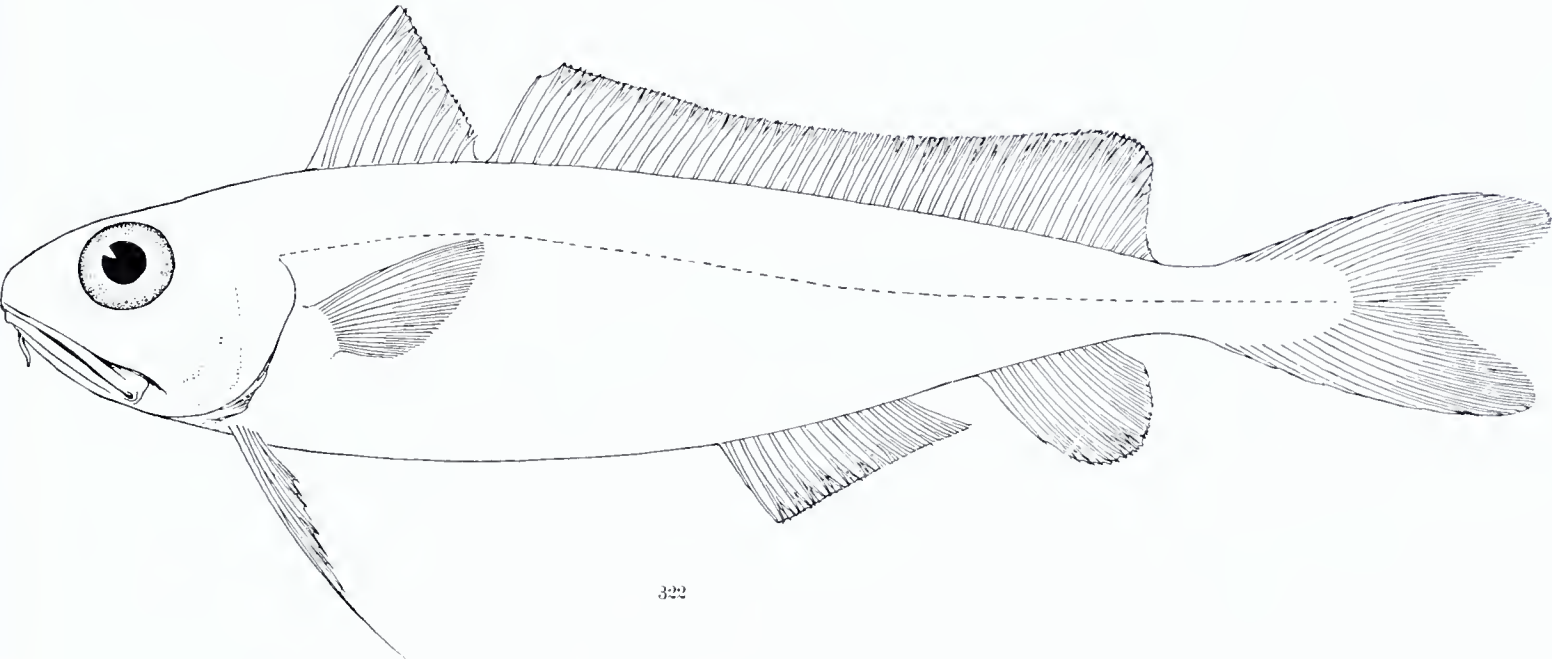


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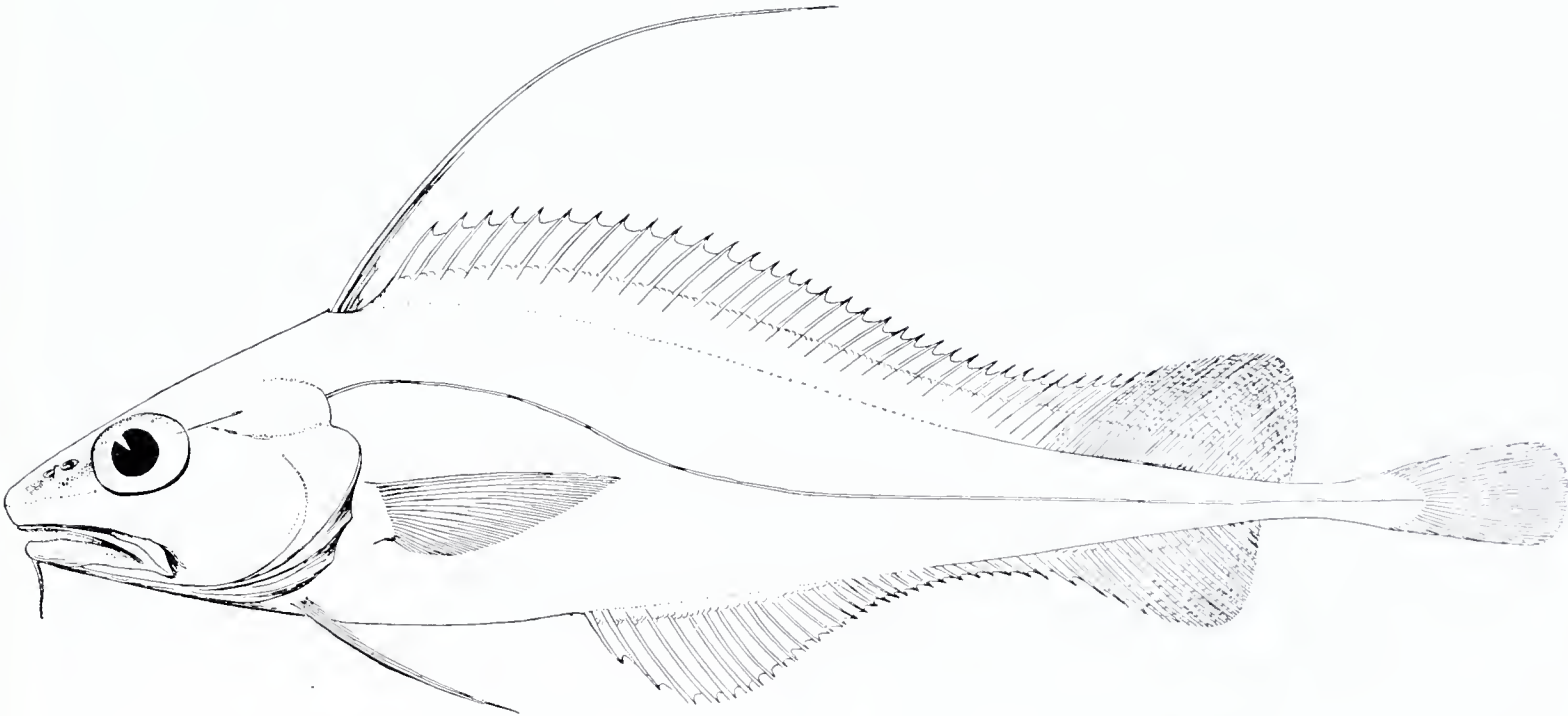
318. *Physiculus kaupi*. (p. 366.) 319. *Physiculus fulvus*. (p. 366.) 320. *Uraleptus maraldi*. (p. 367.)



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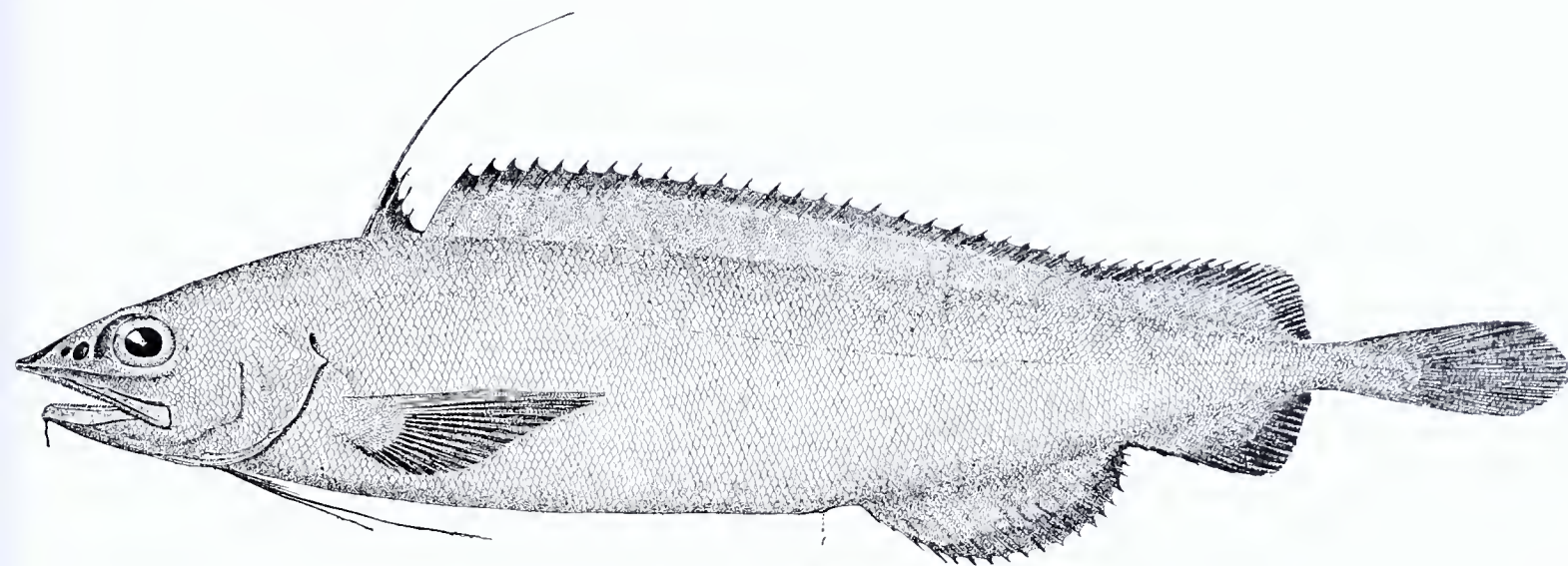


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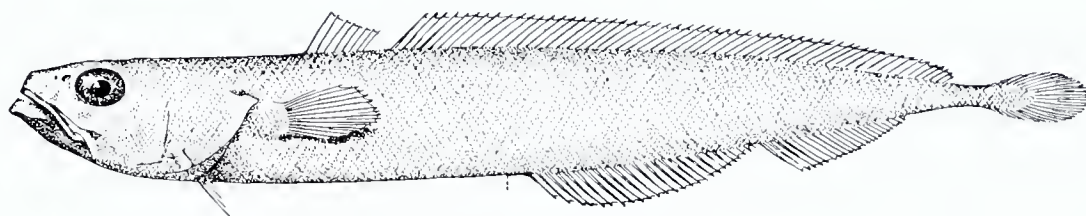


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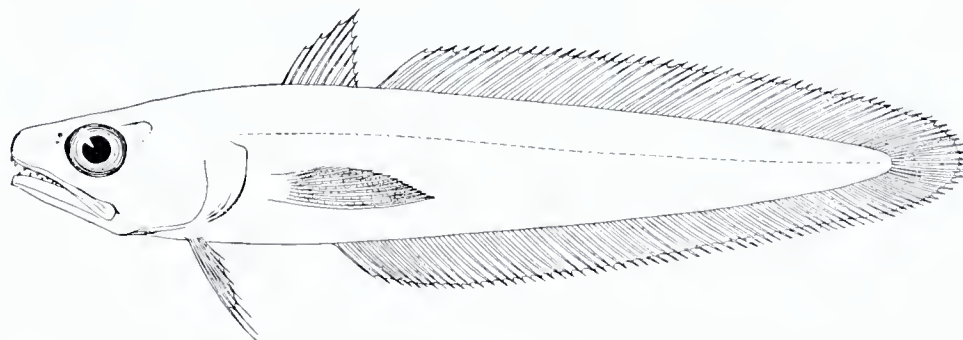
321. LOTELLA MAXILLARIS. (p. 368.) 322. MORA MEDITERRANEA. (p. 369.) 323. LEPIDION RISSOL. (p. 370.)



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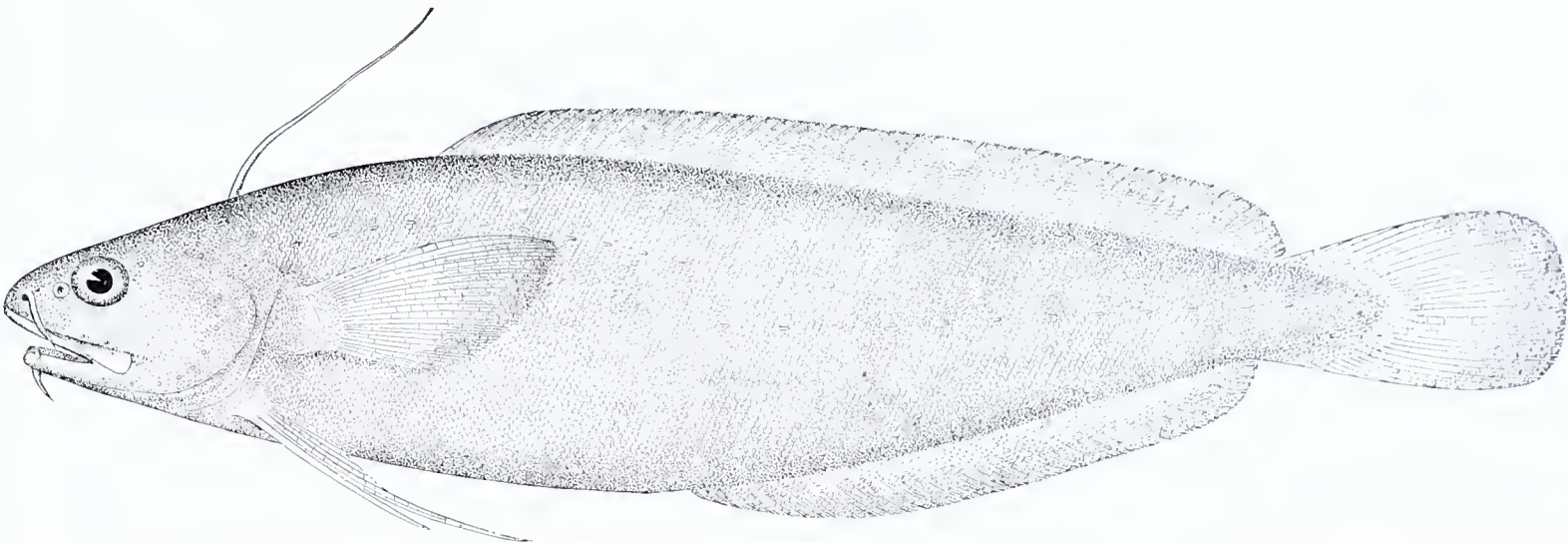


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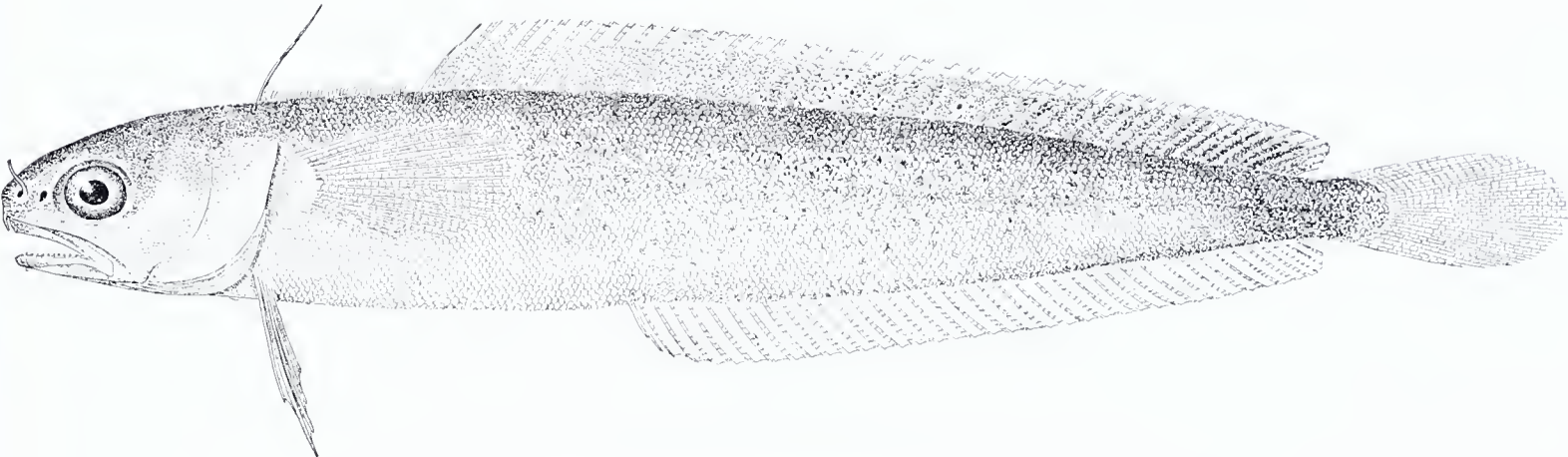
324. *ANTIMORA VIOLA*. (p. 372.)

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326. *STRINSIA TINCA*. (p. 380.)



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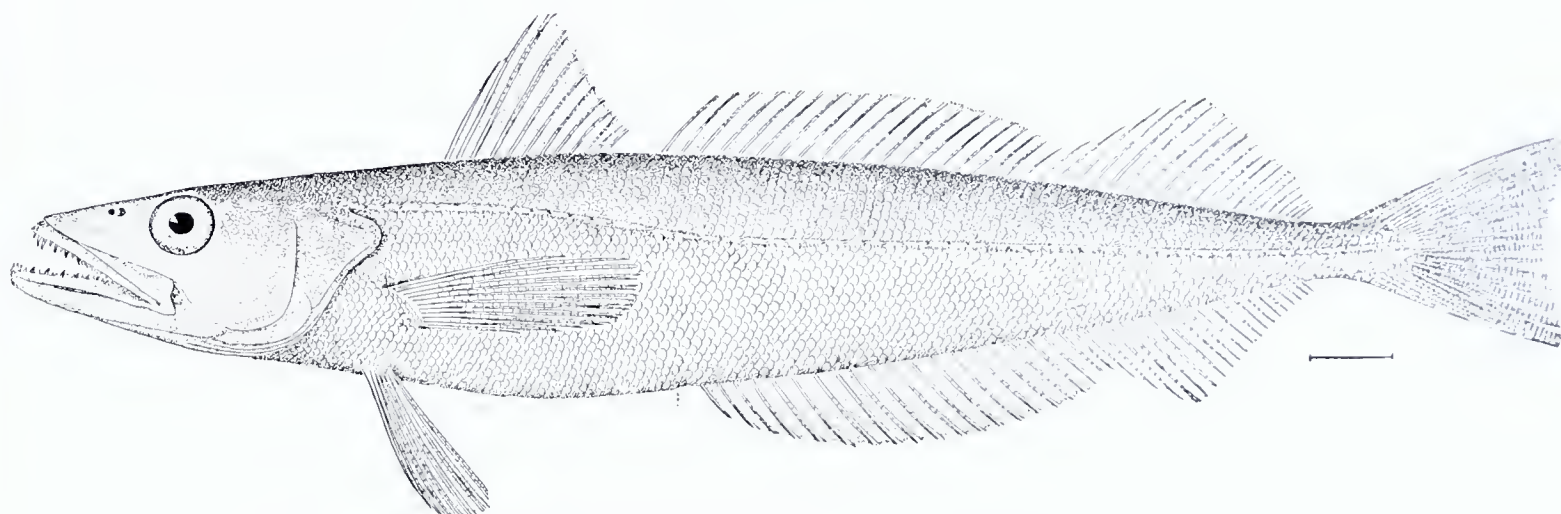


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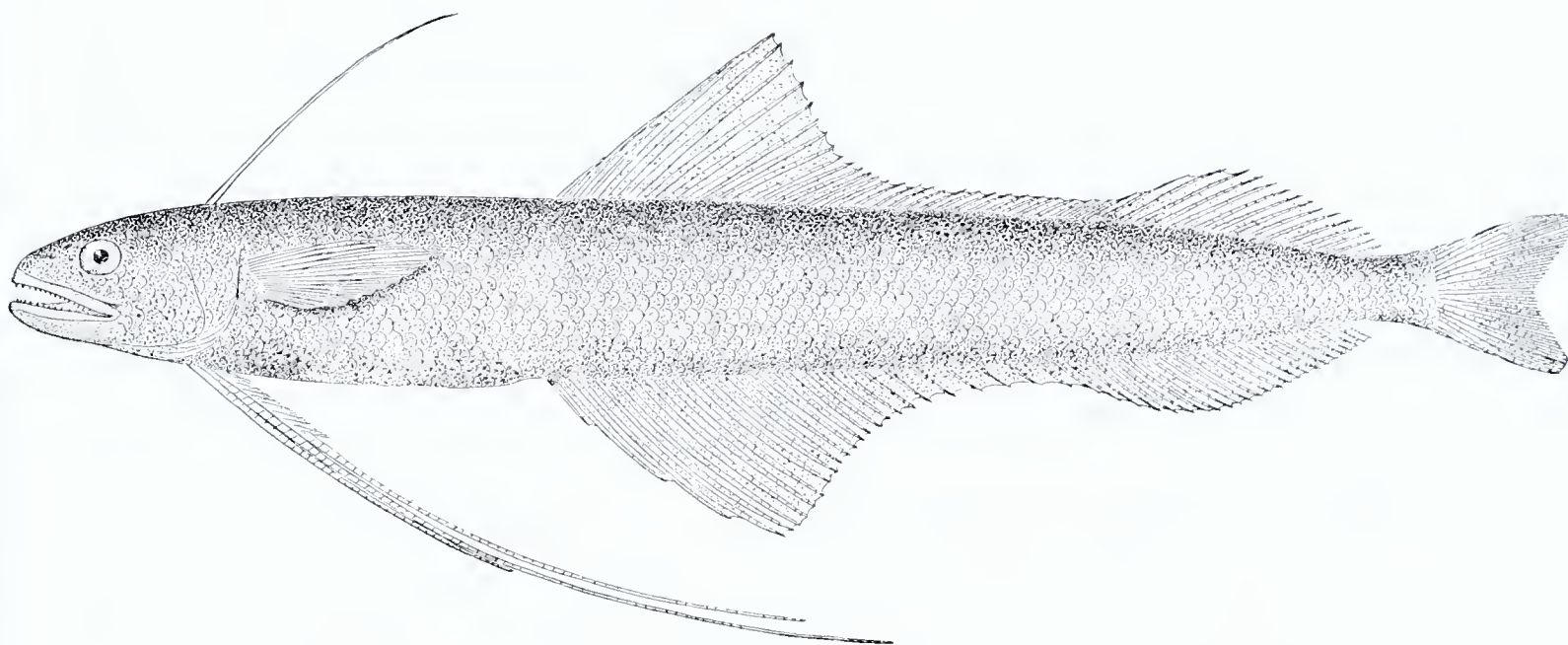
327. *ONOS ENSIS*. (p. 381.)

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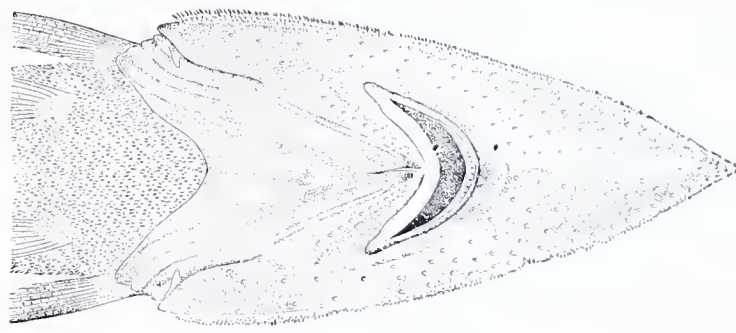
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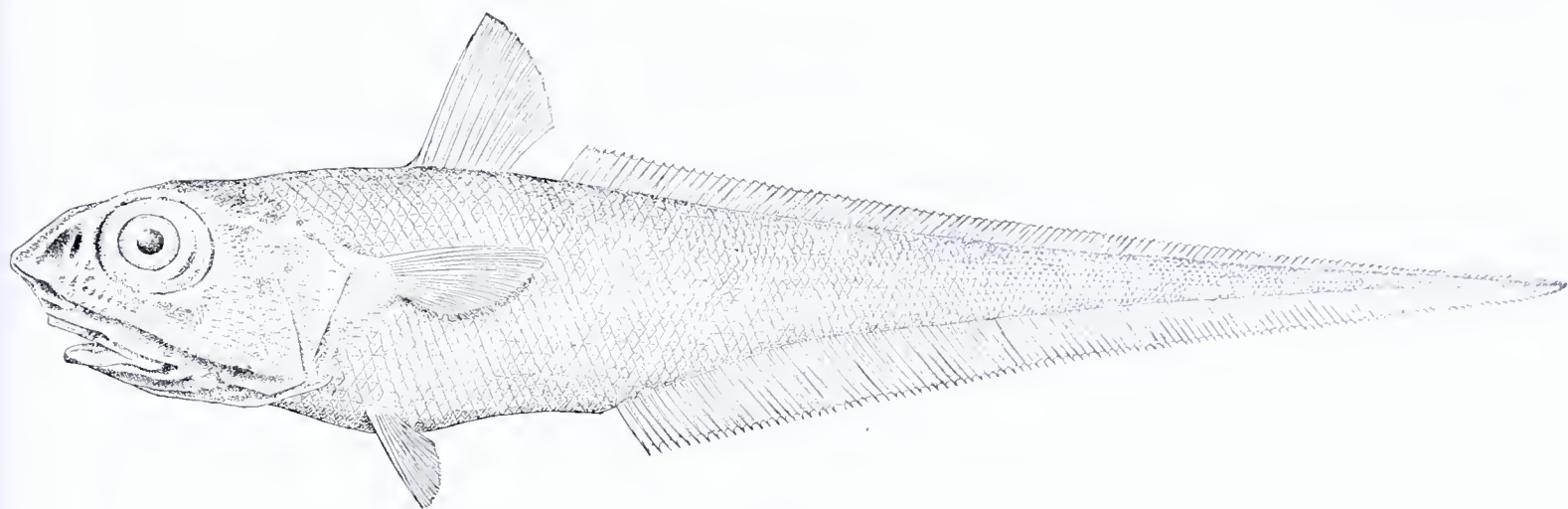


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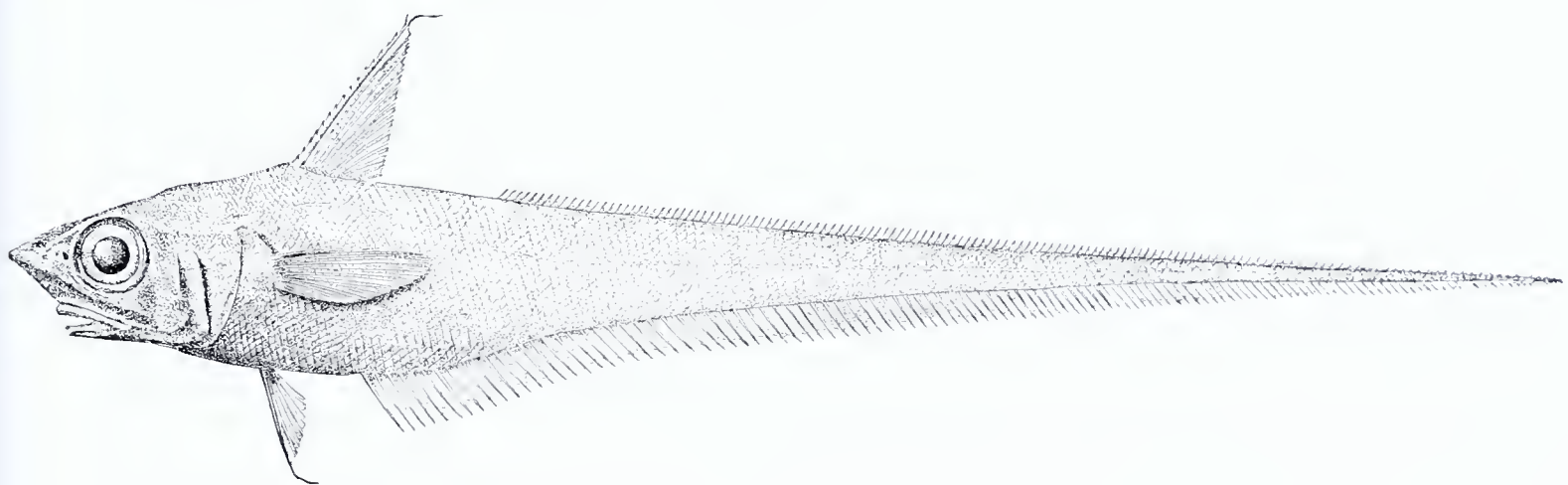
330. MERLUCIUS BILINEARIS. (p. 386.)

331. BREGMACEROS ATLANTICUS. (p. 388.)

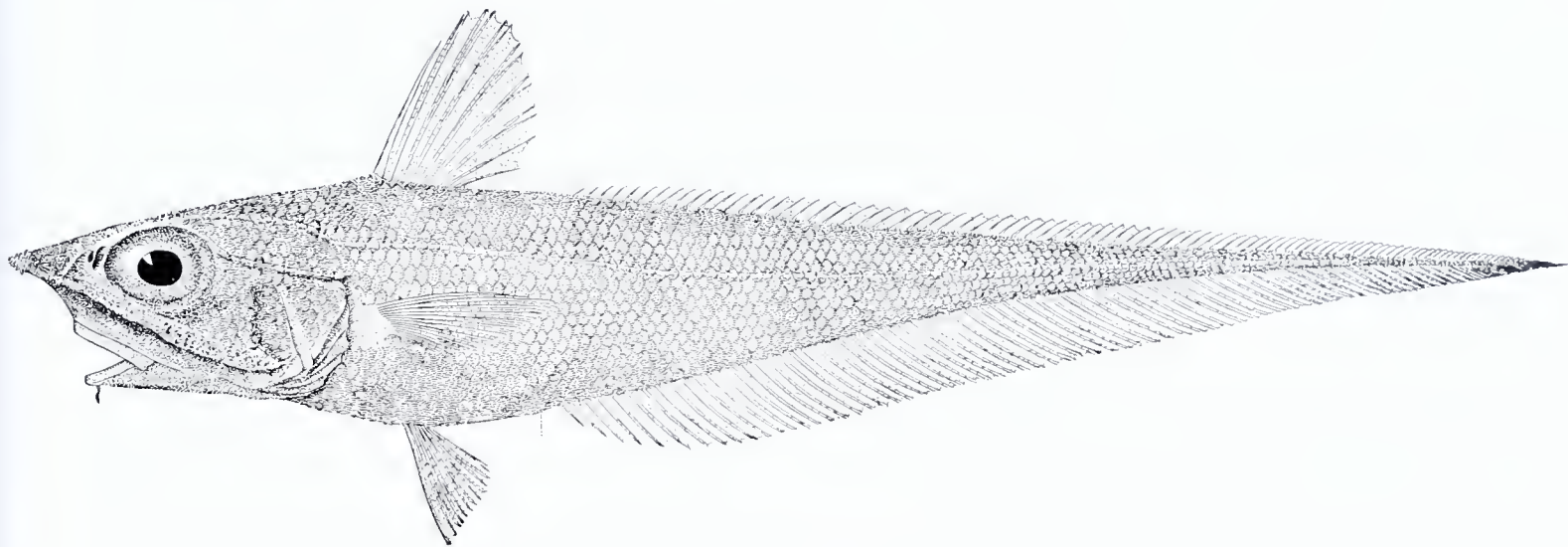
332, 333. COELORHYNCHUS OCCA. (p. 400.)



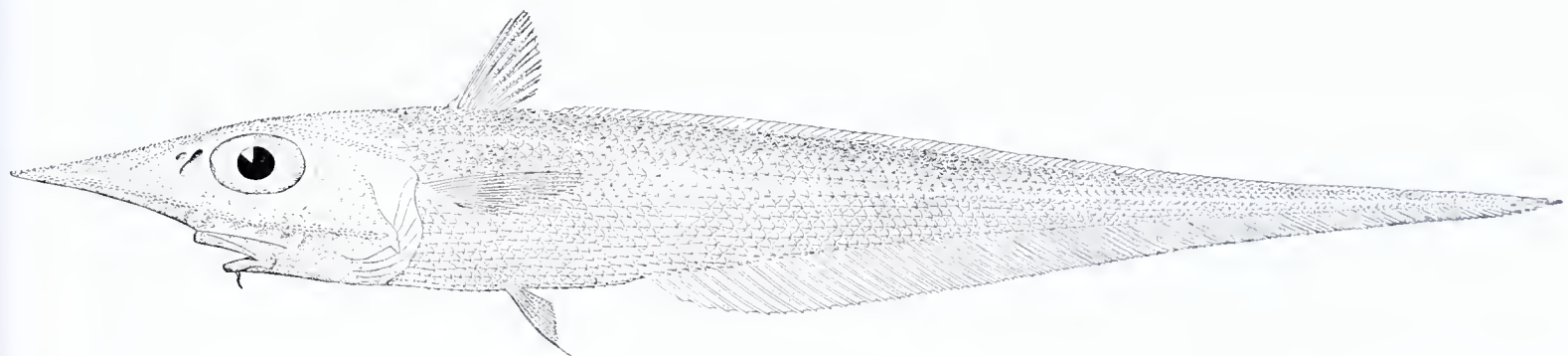
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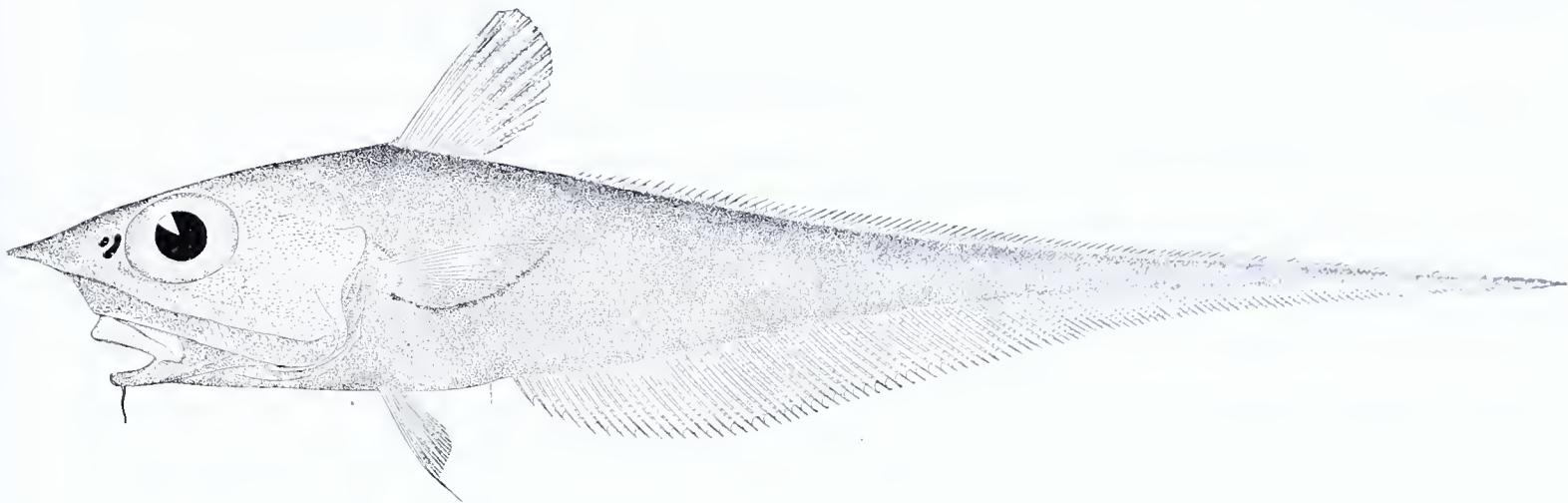
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334. *MACRURUS BERGLAX*. (p. 391.)

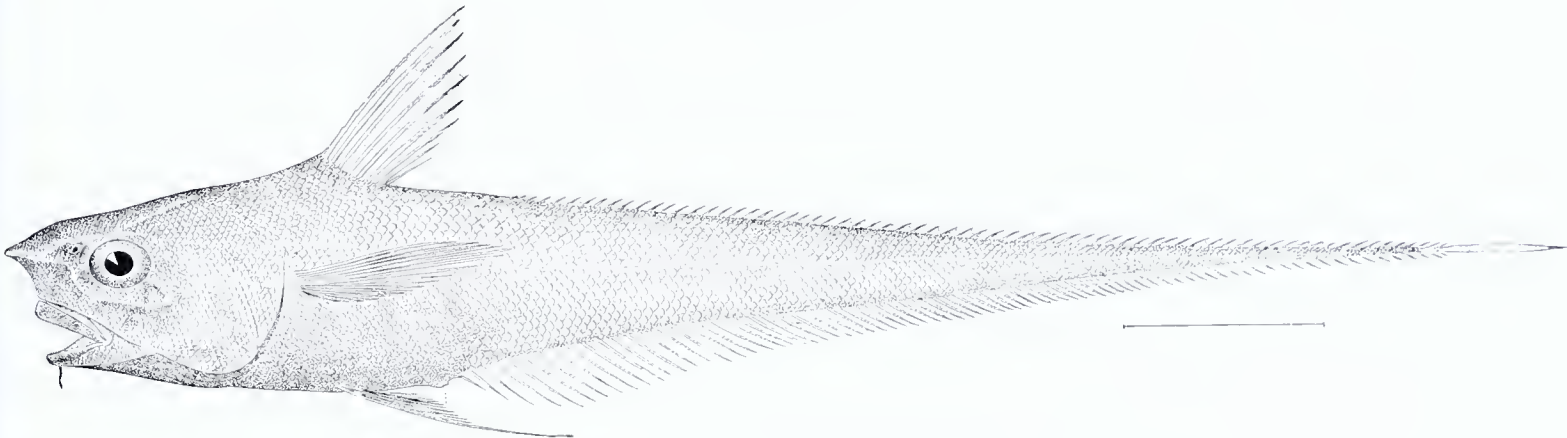
336. *CELORHYNCHUS CARMINATUS*. (p. 398.)

335. *MACRURUS BAIRDII*. (p. 393.)

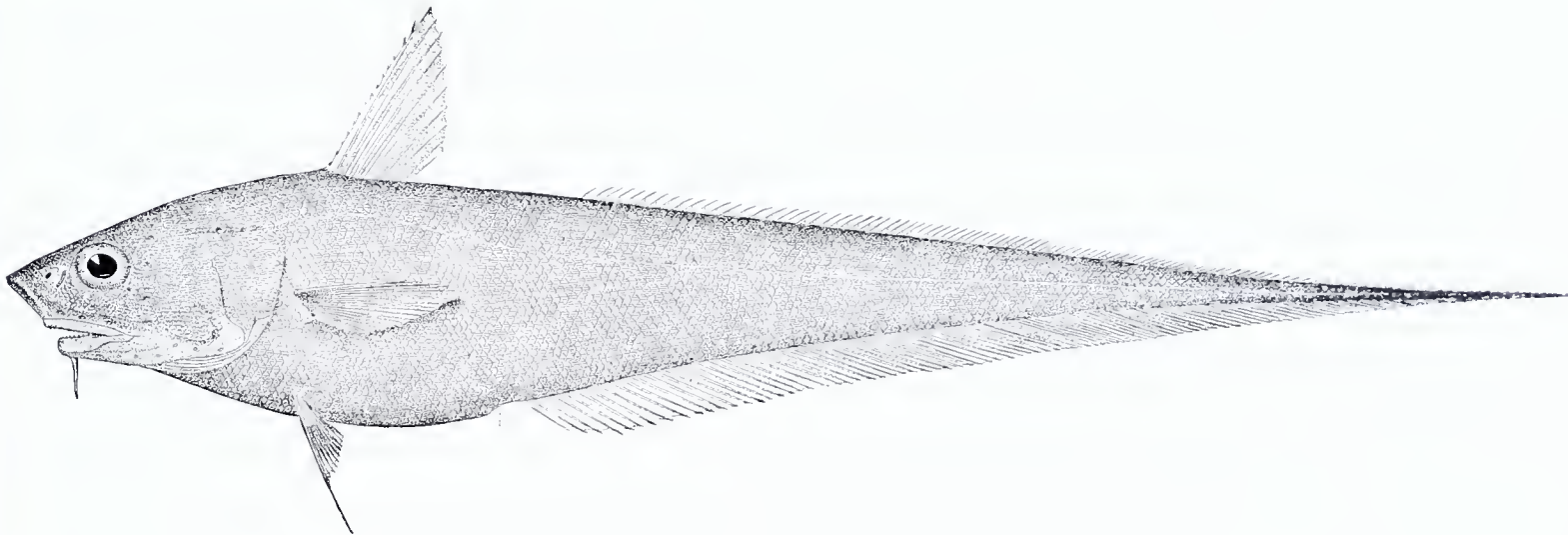
337. *CELORHYNCHUS OCCA*. (p. 400.)



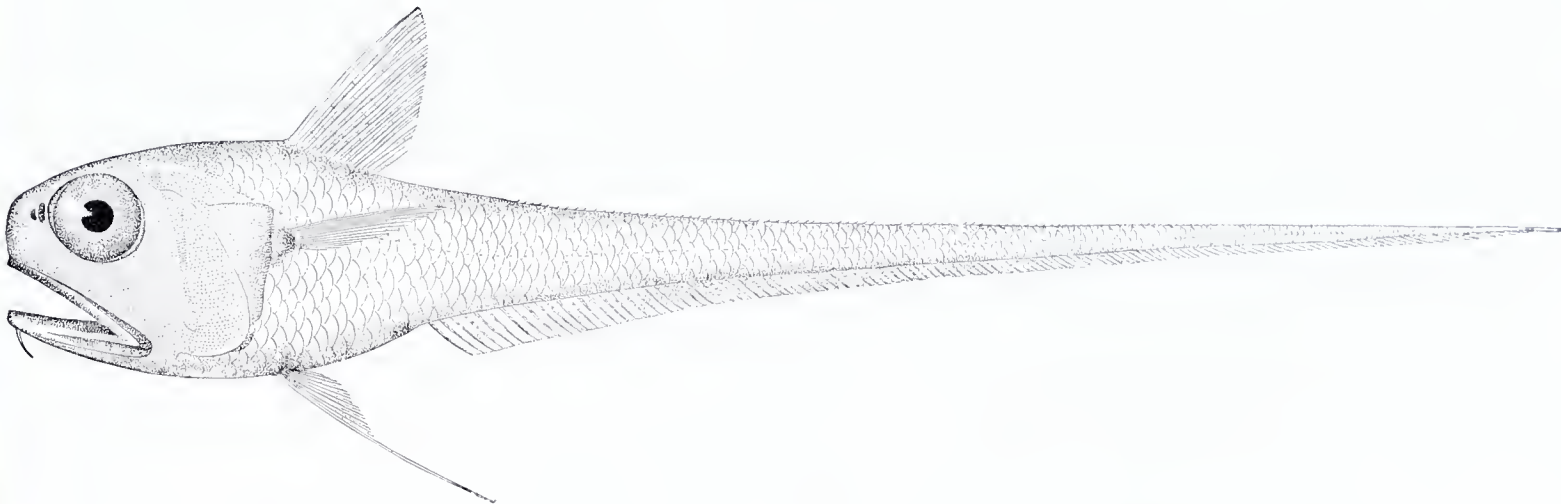
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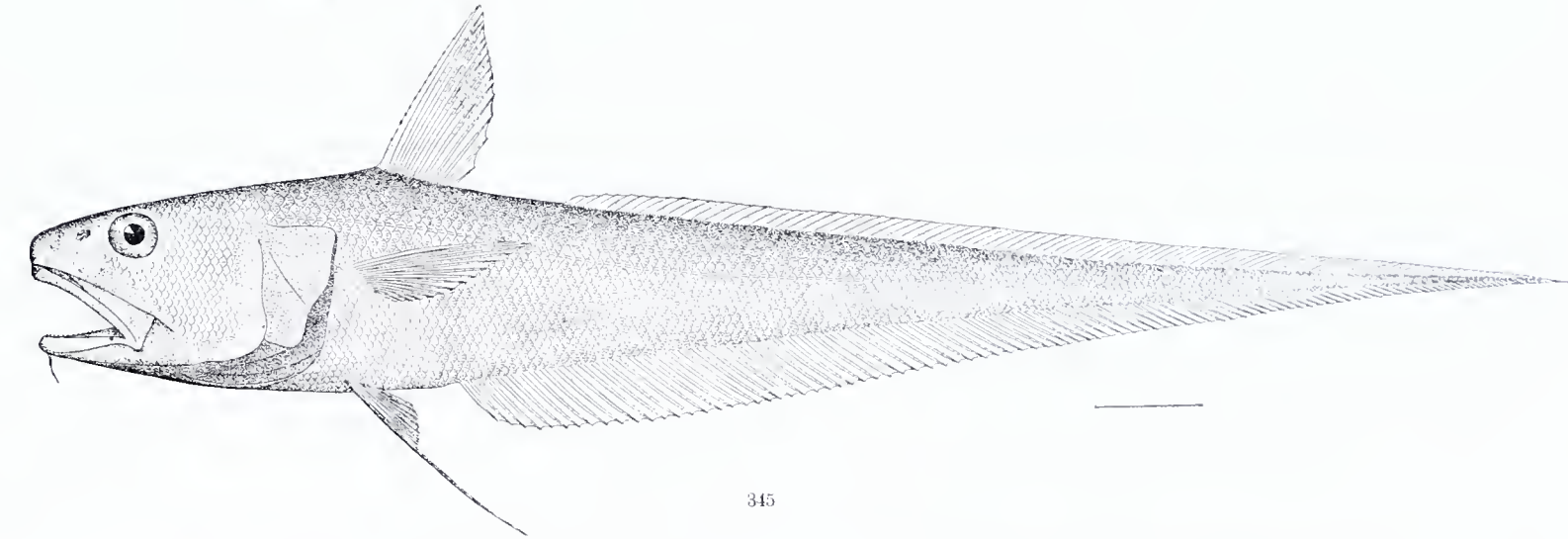
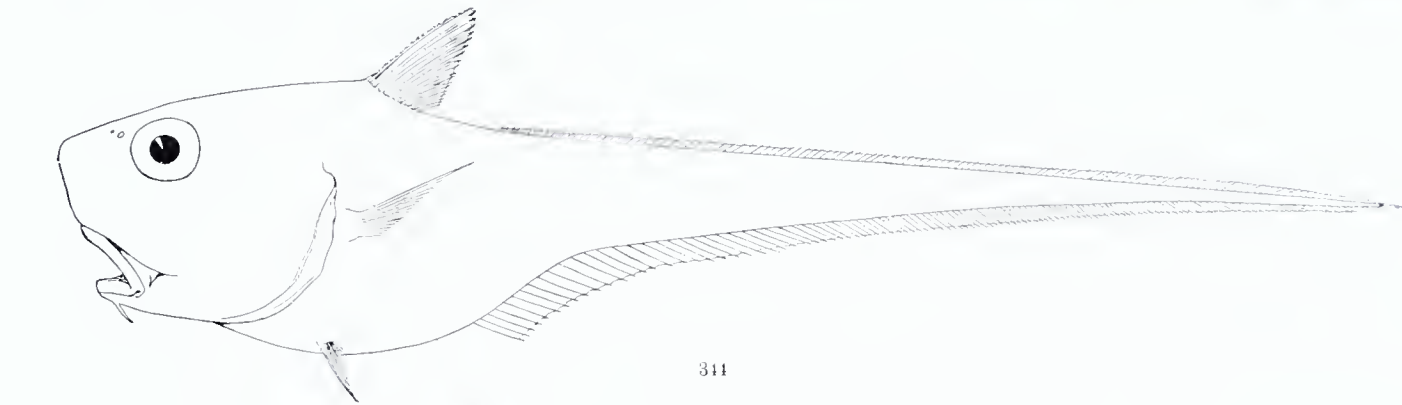
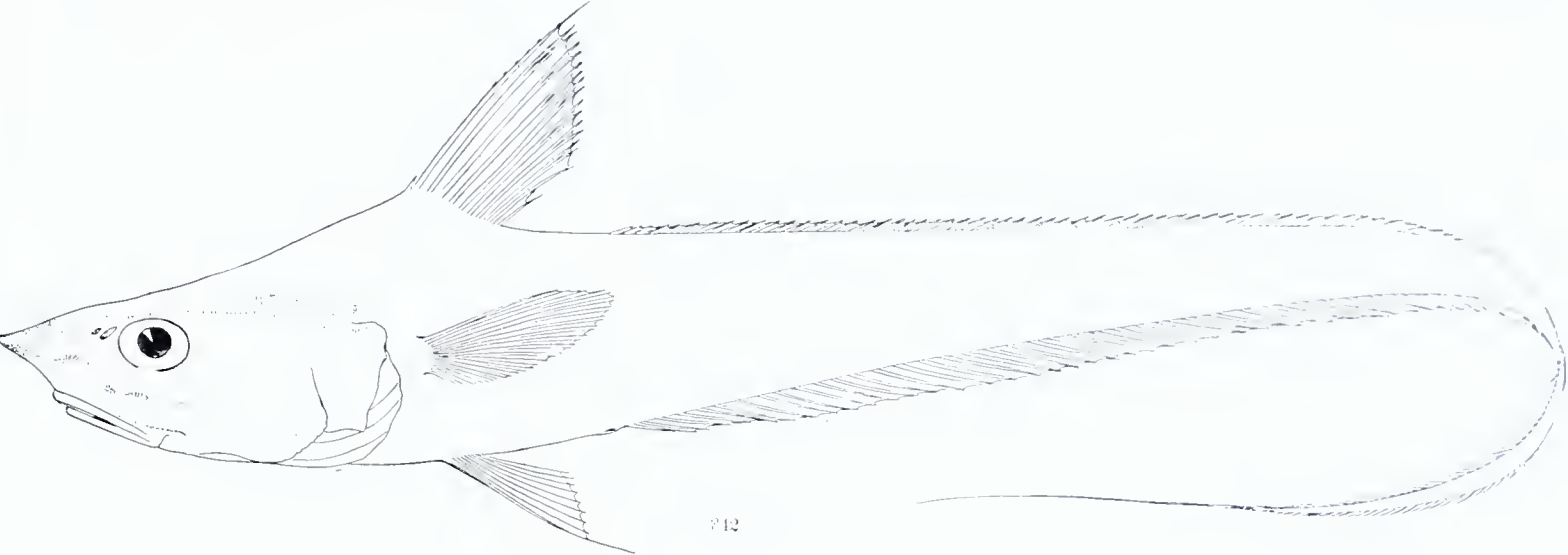
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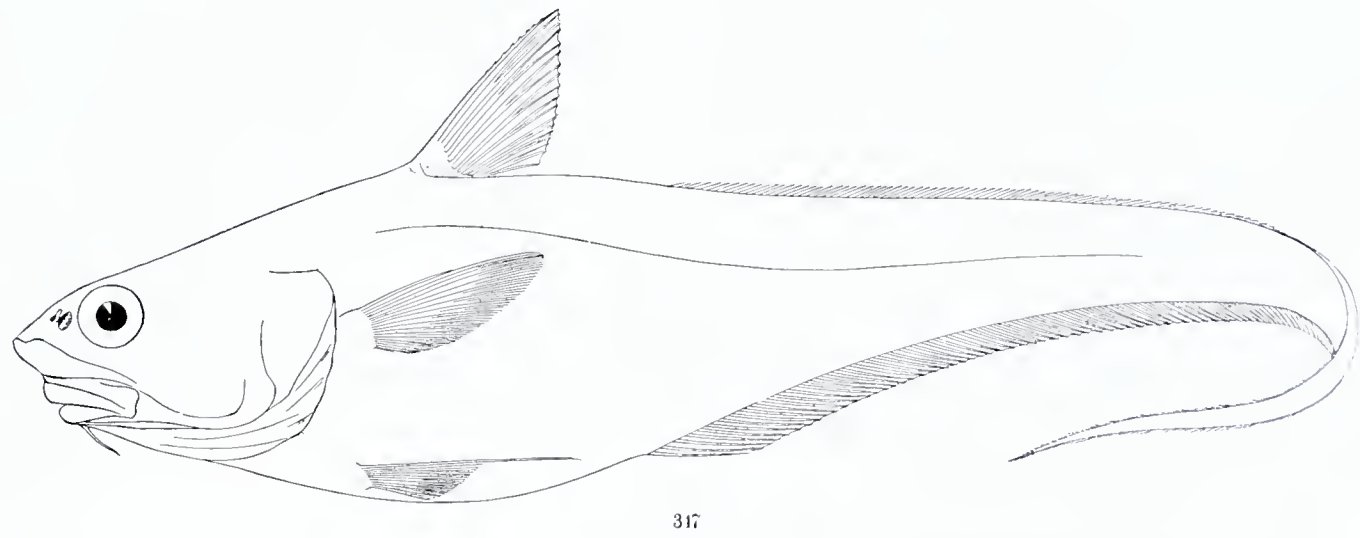
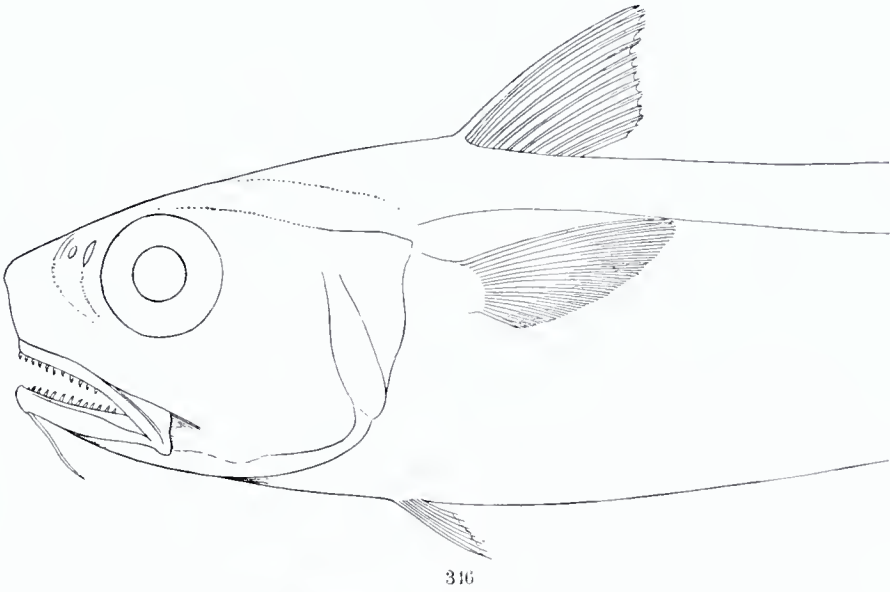
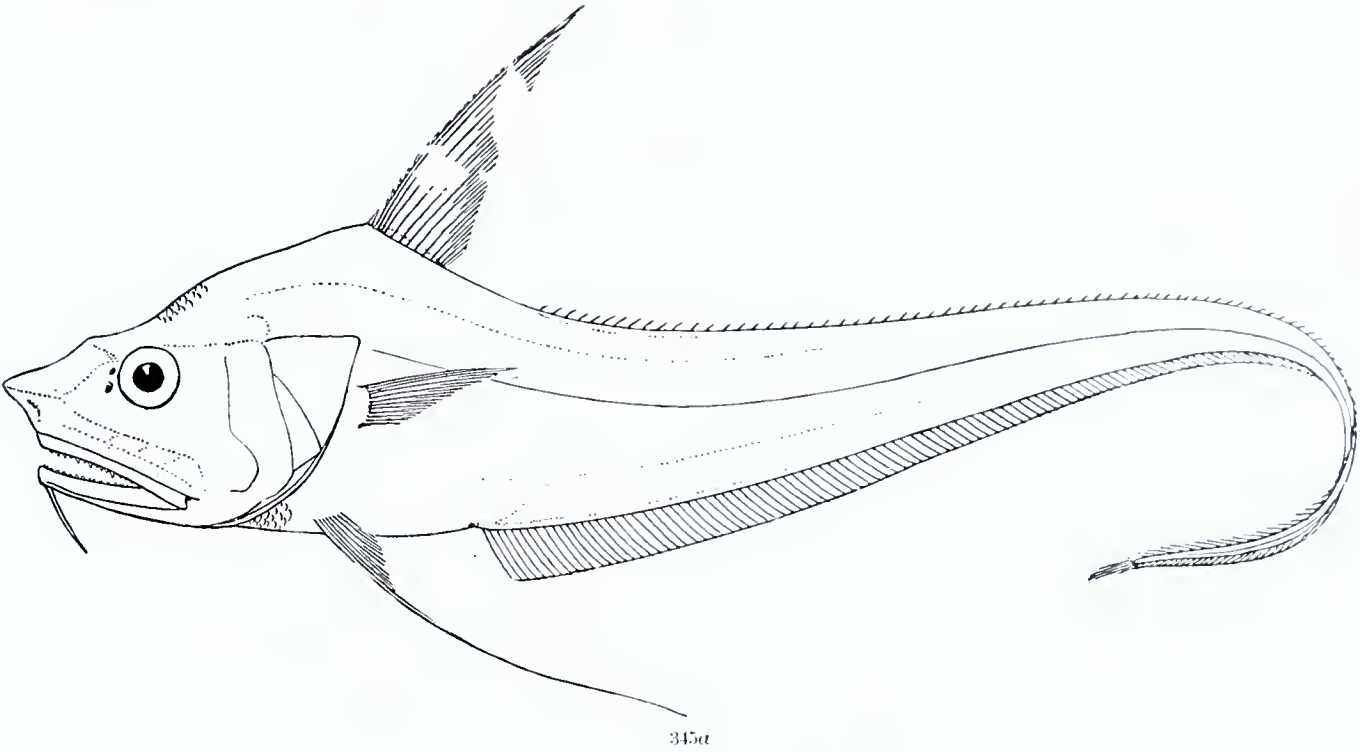
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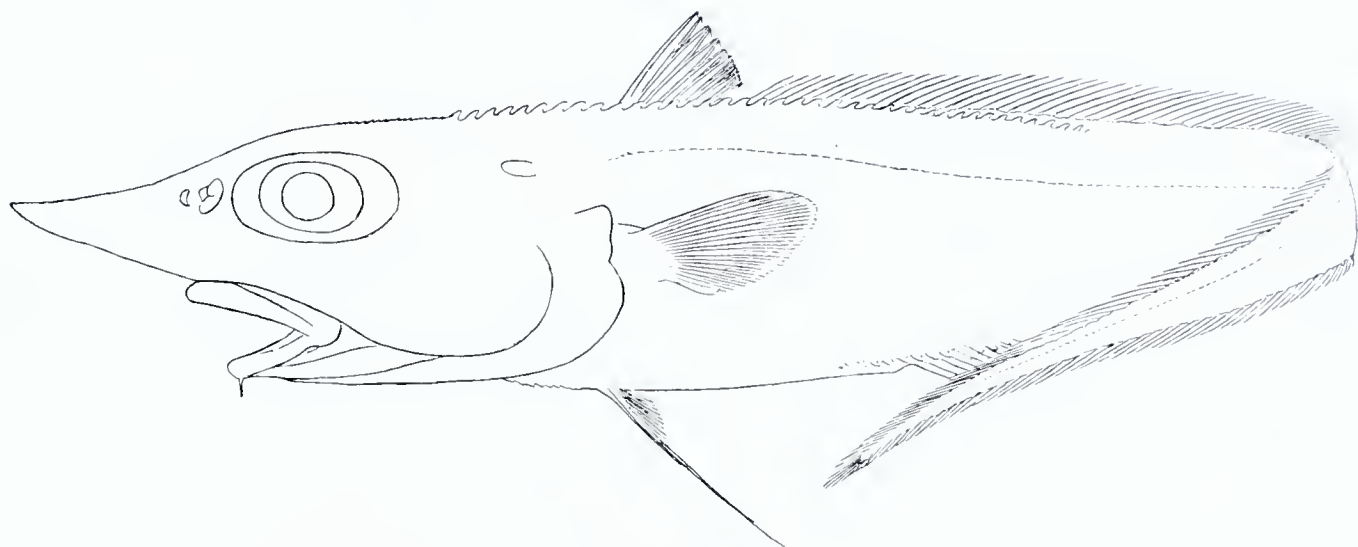
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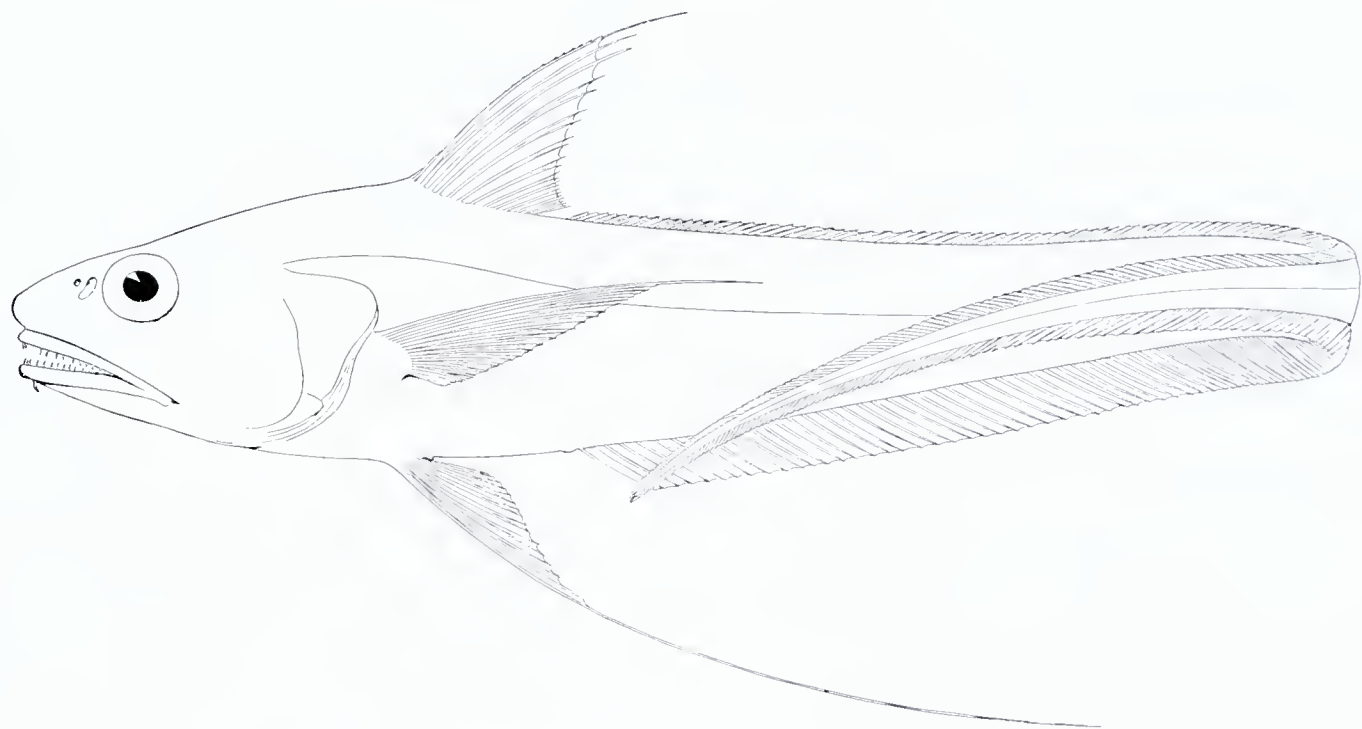
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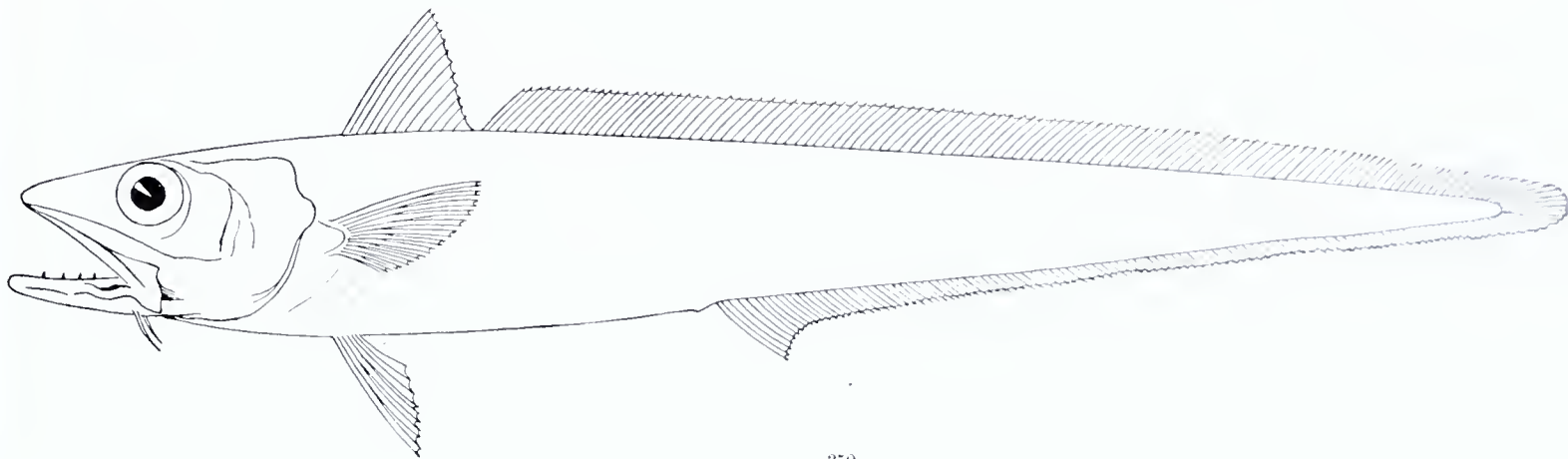


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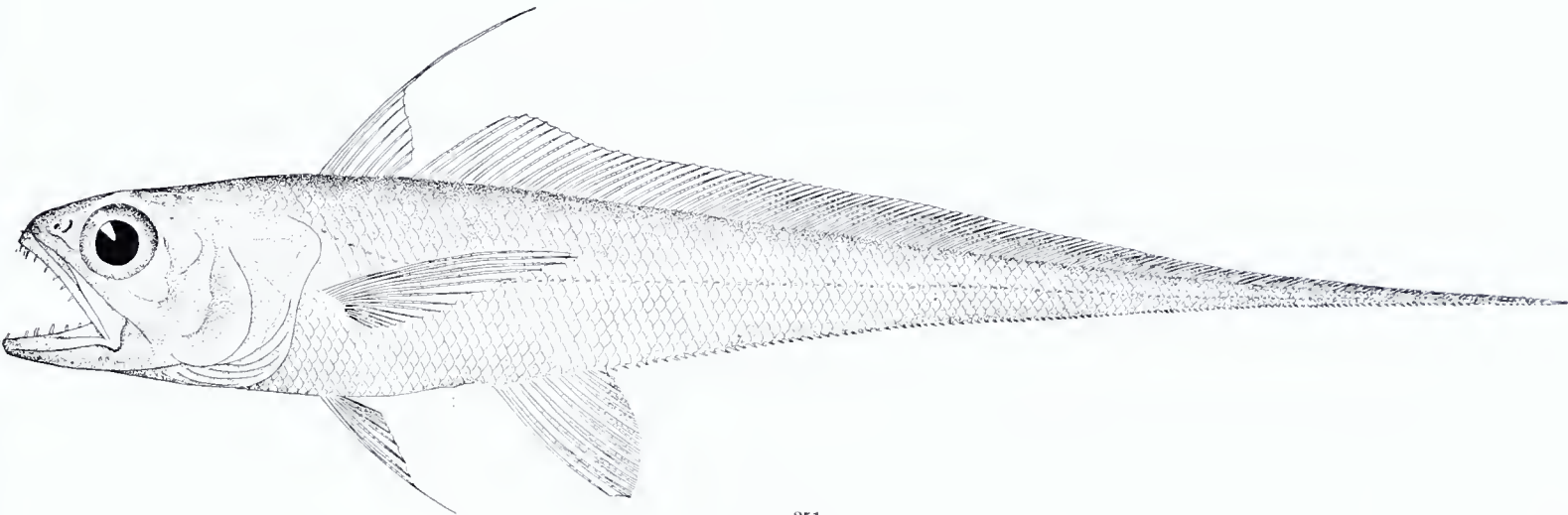
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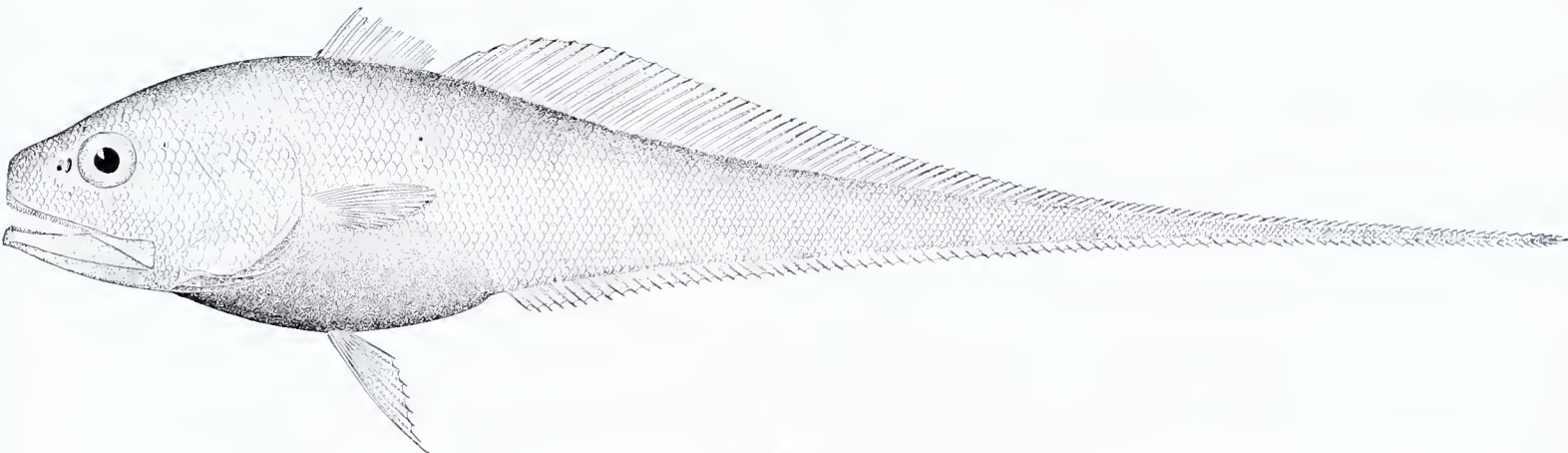
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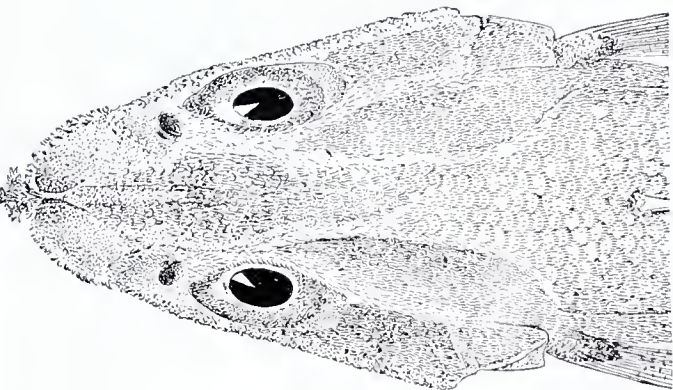
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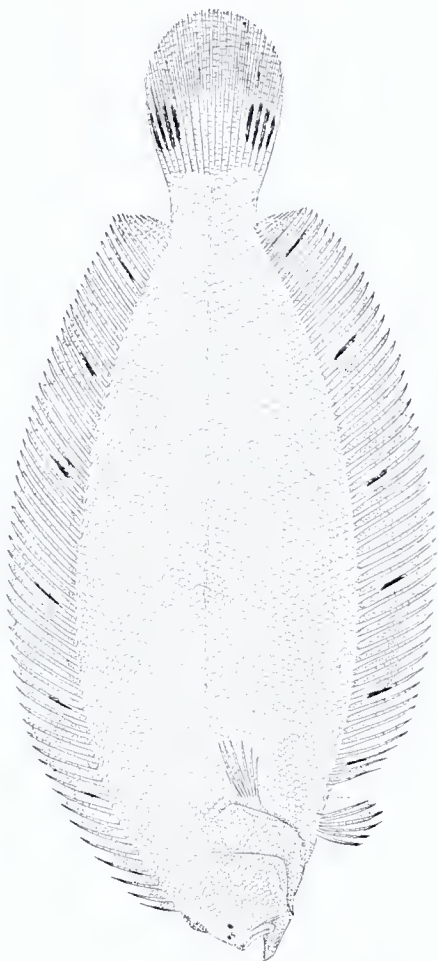
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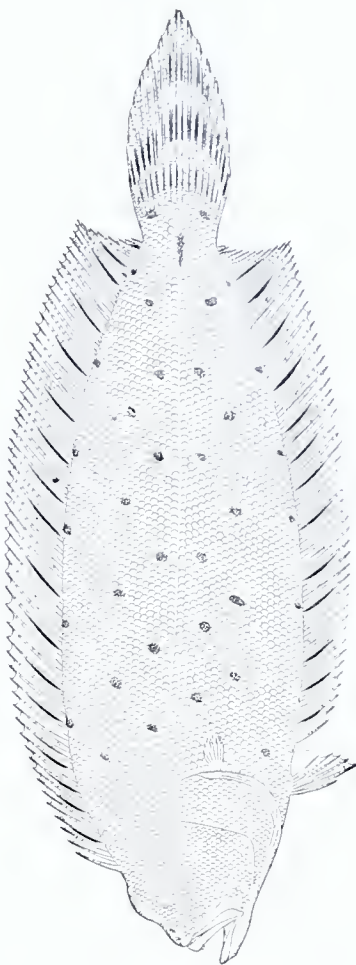
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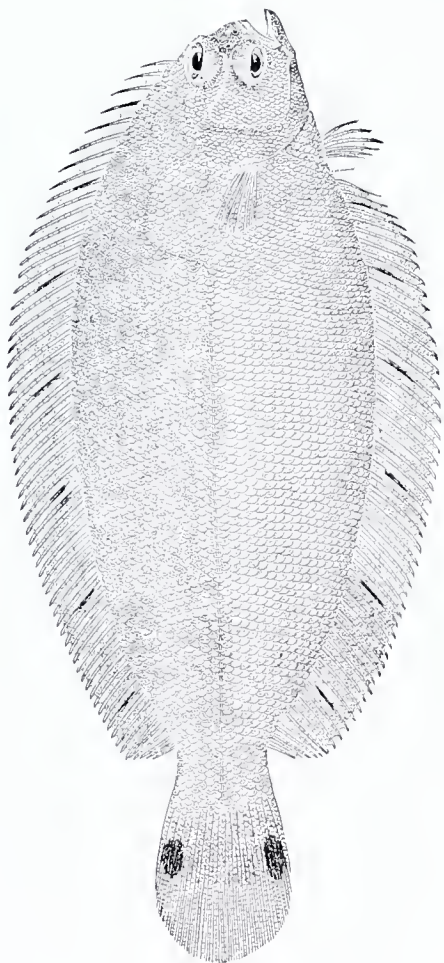
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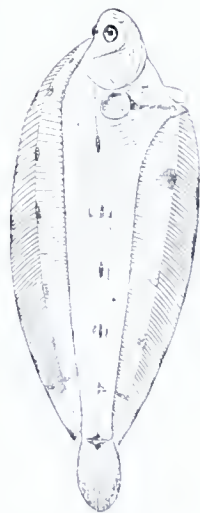
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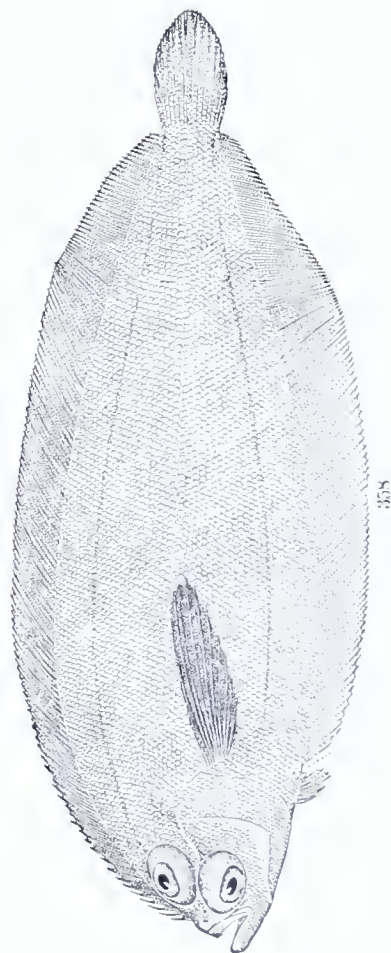
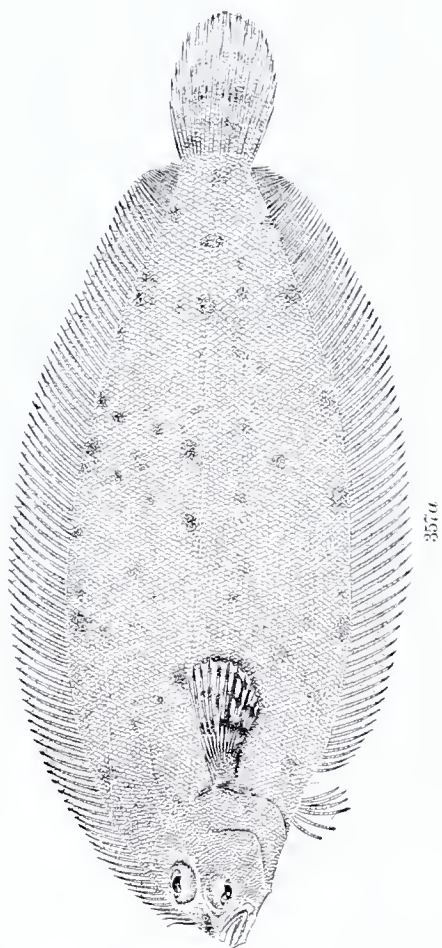
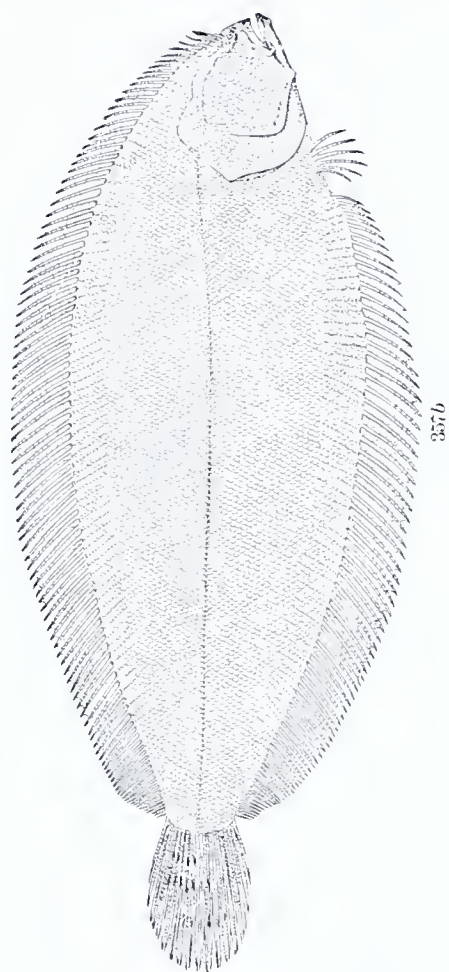
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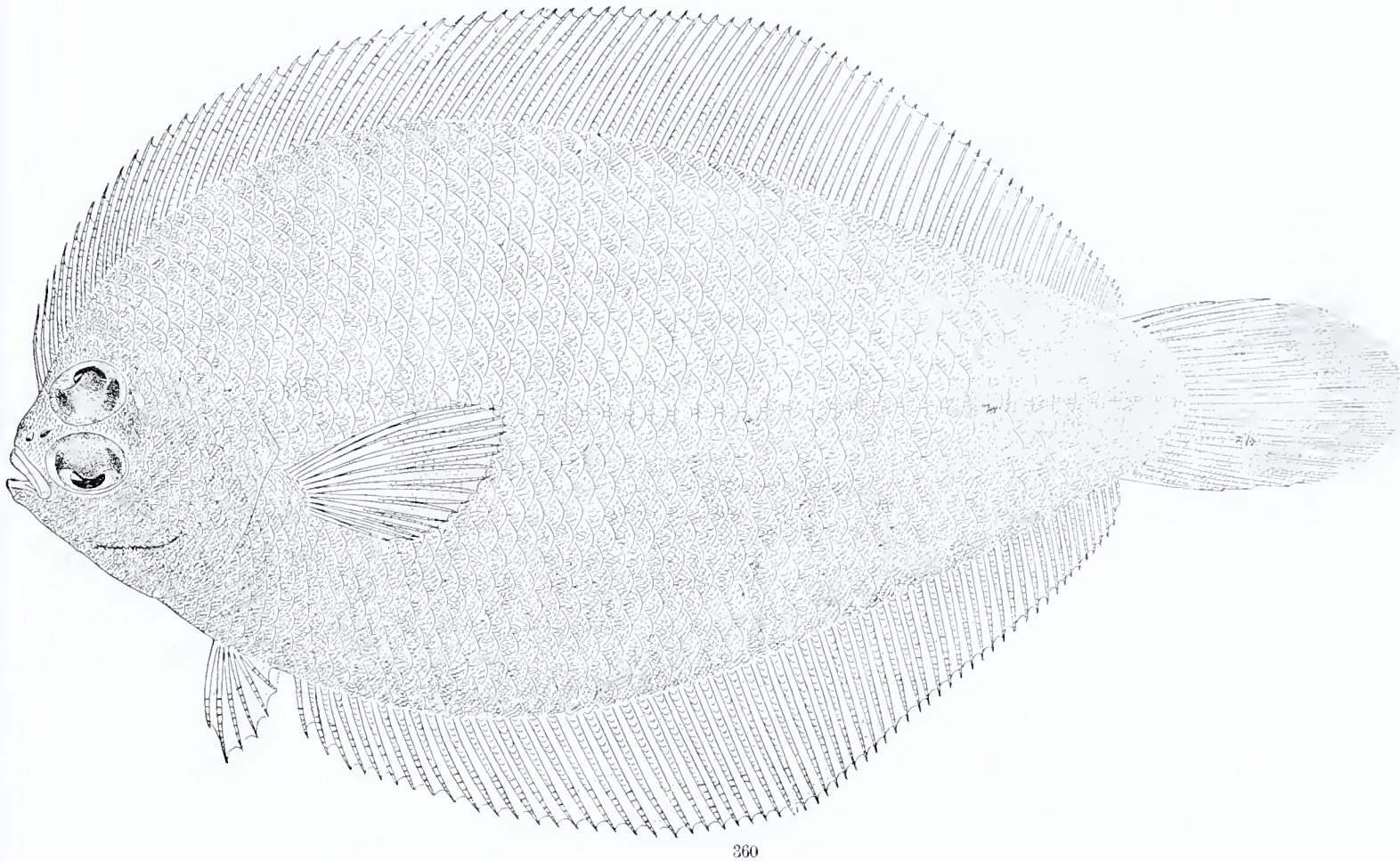
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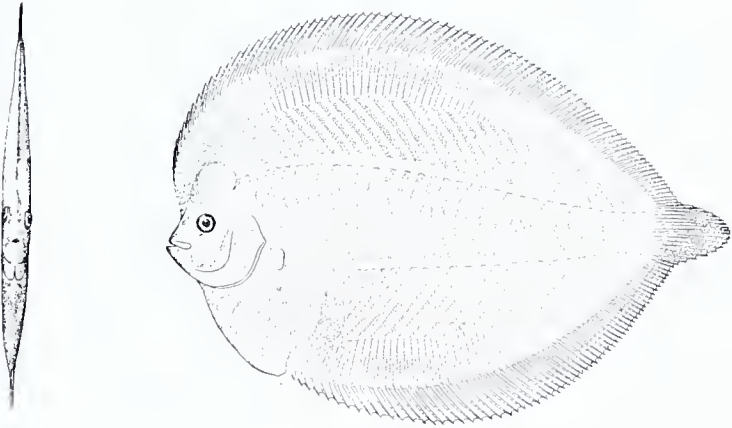


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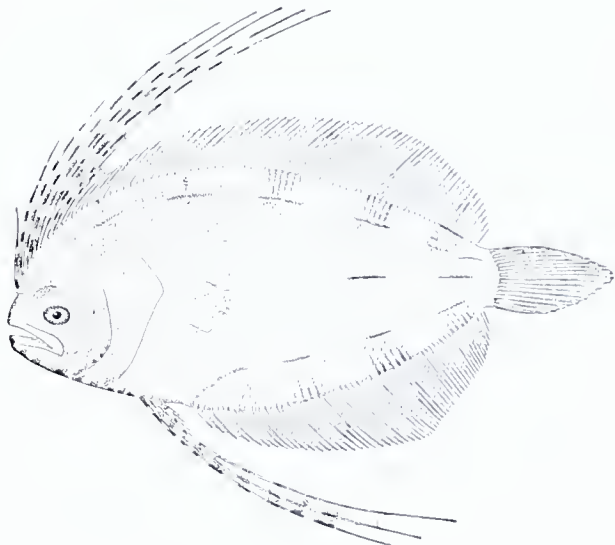
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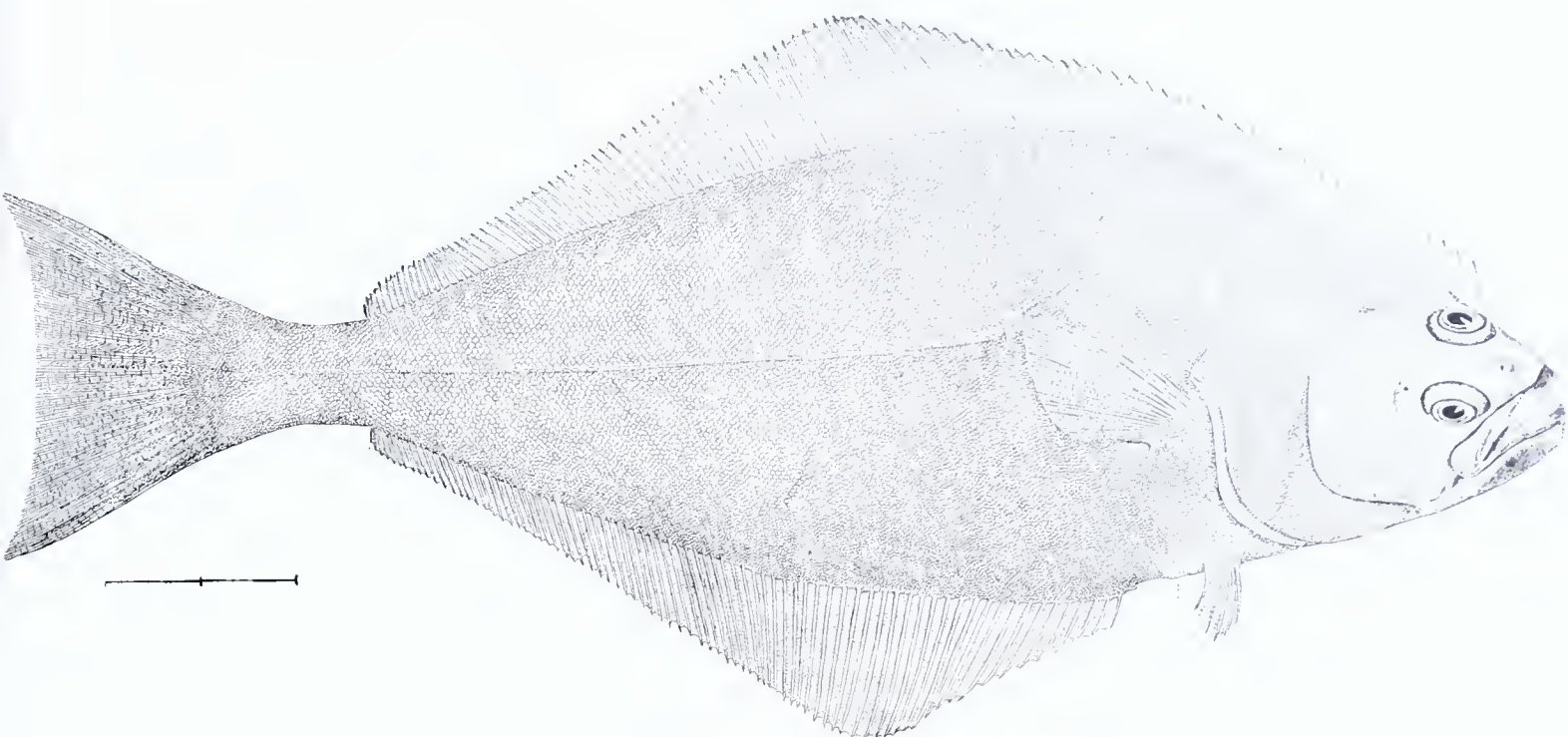
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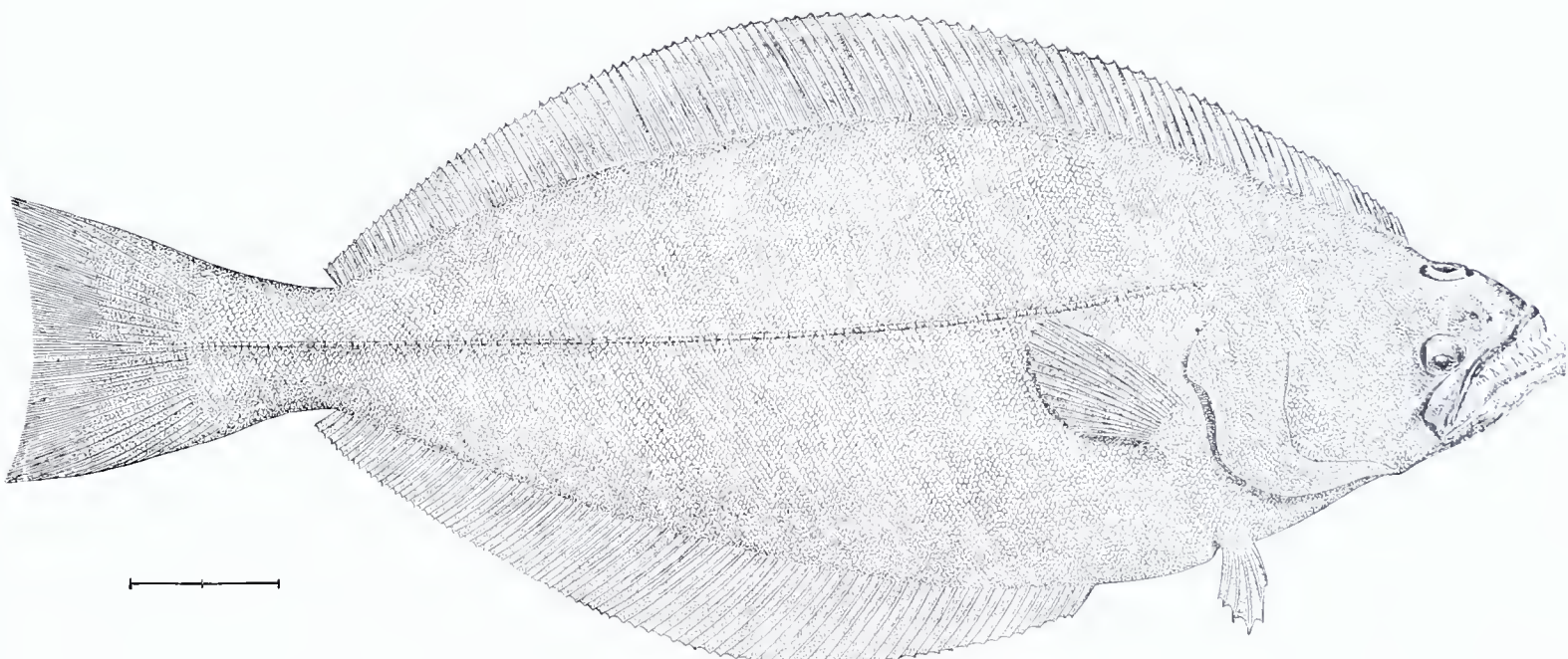
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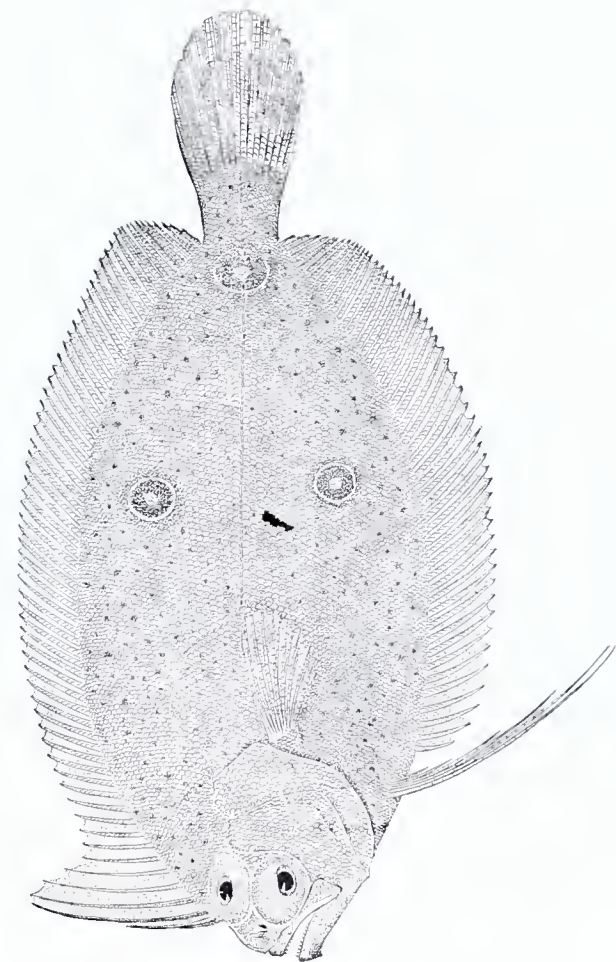
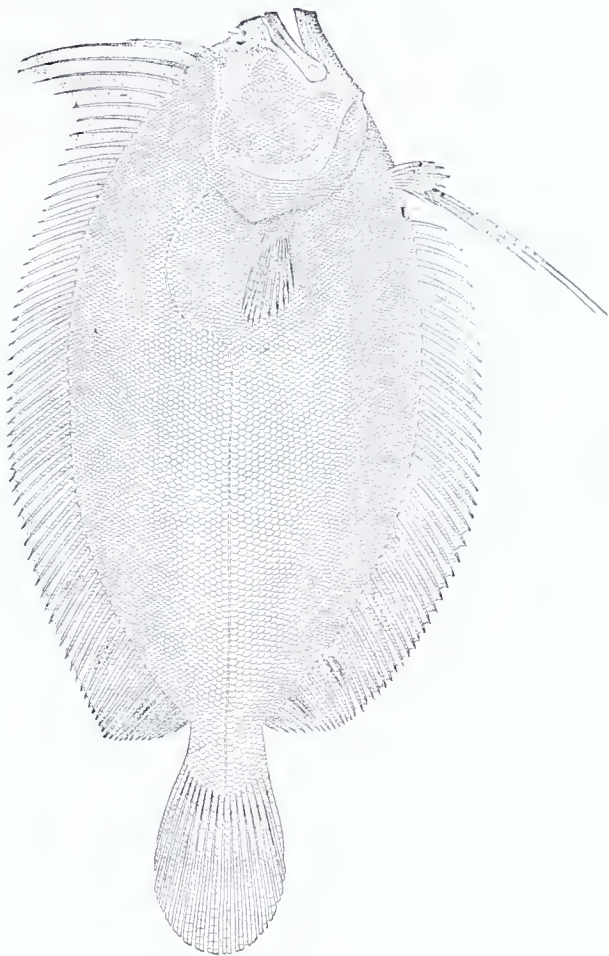
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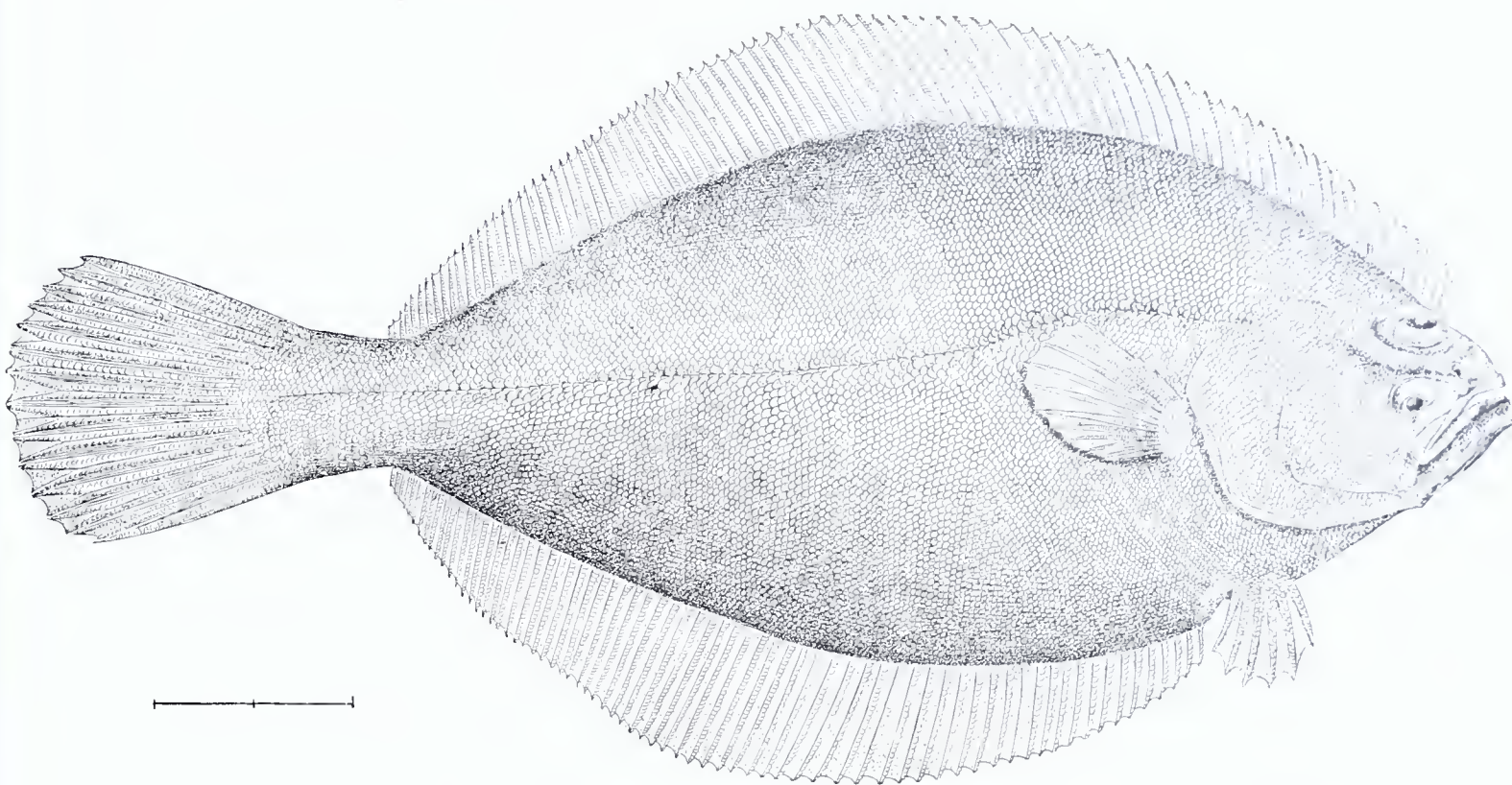
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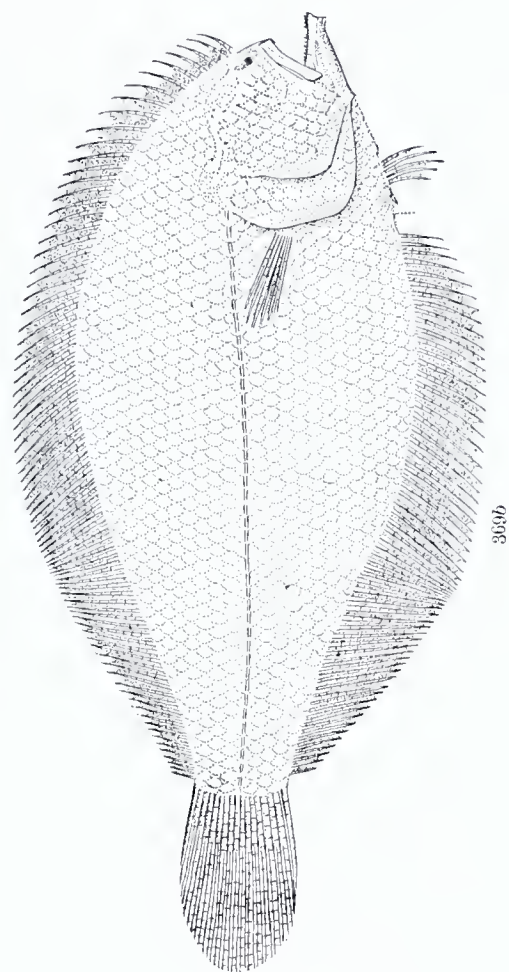
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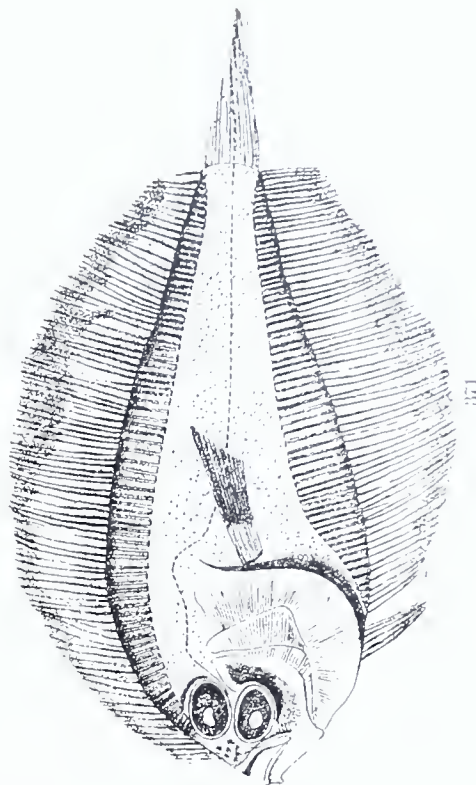
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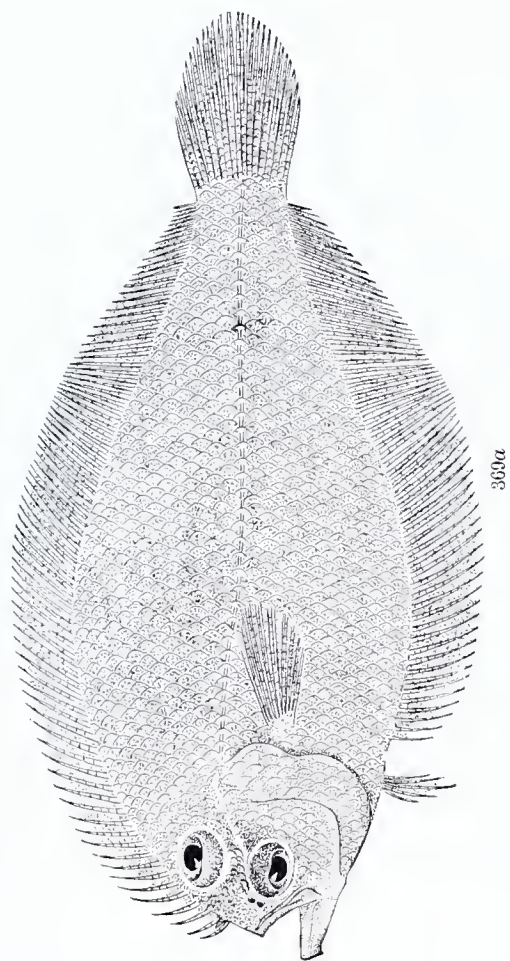
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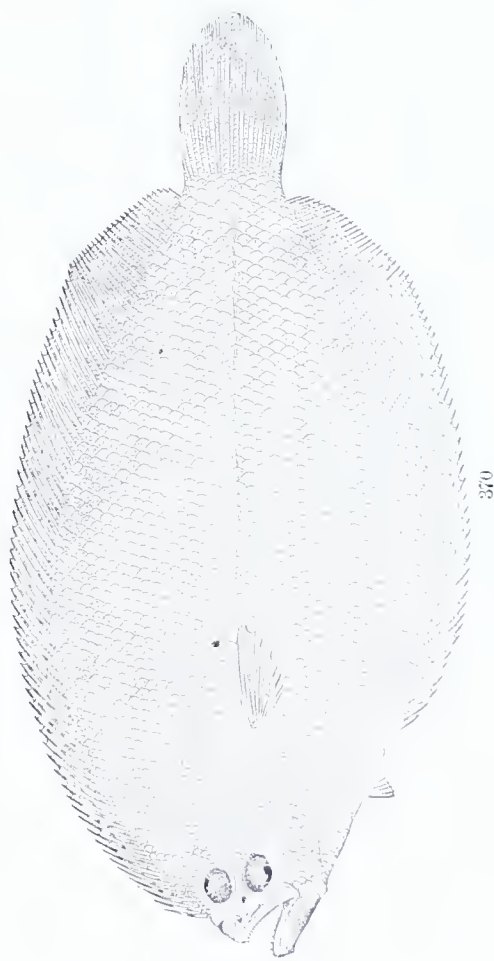
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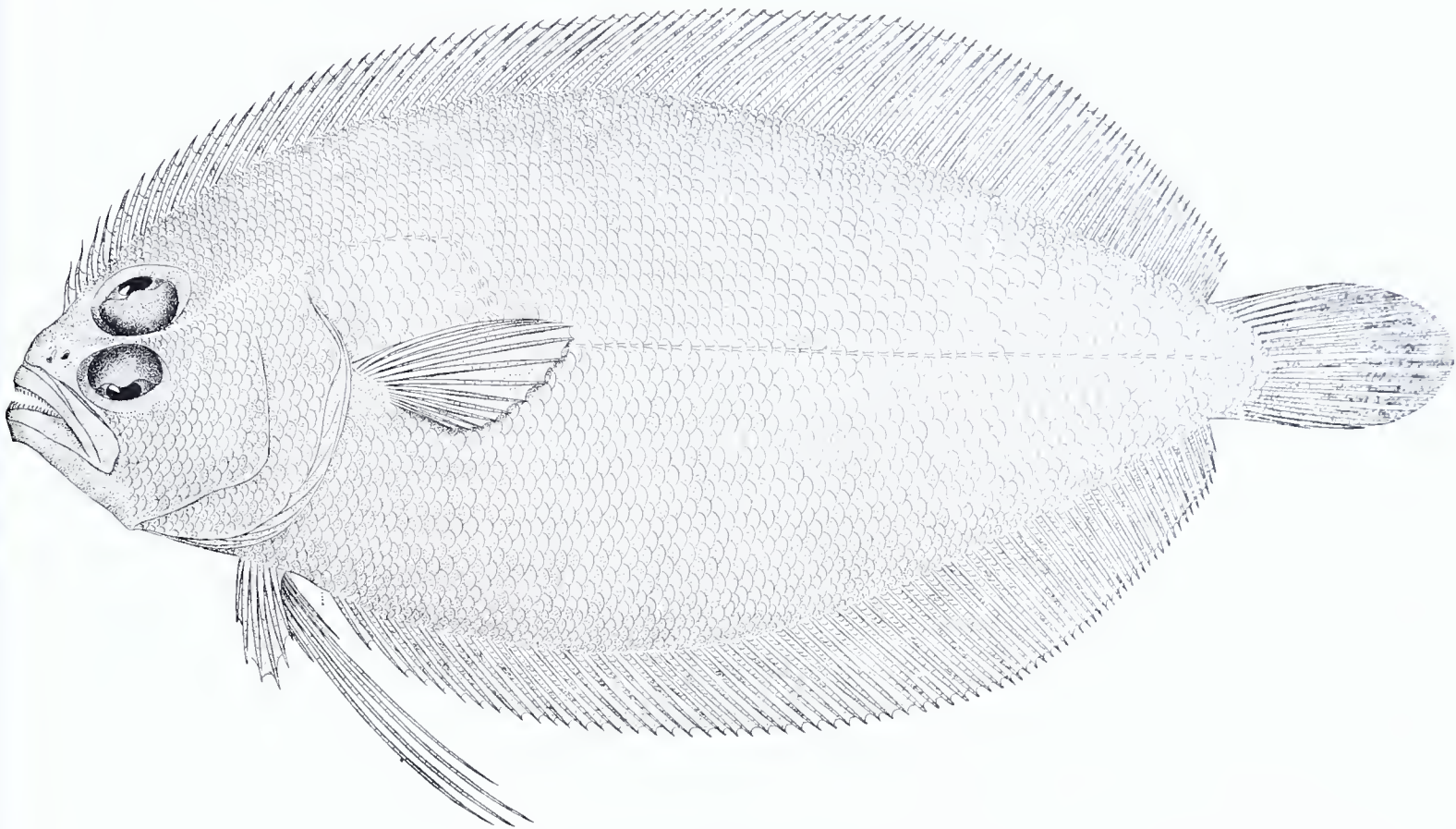


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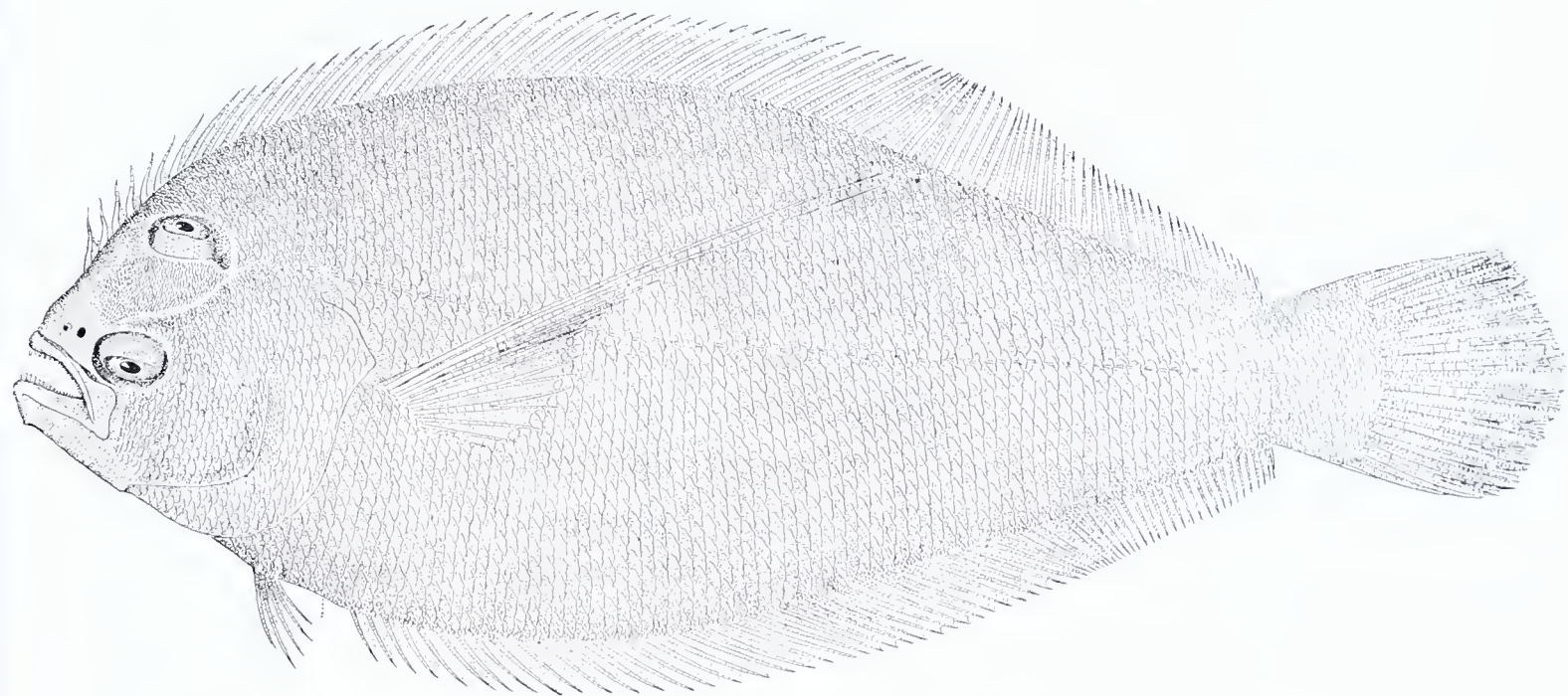
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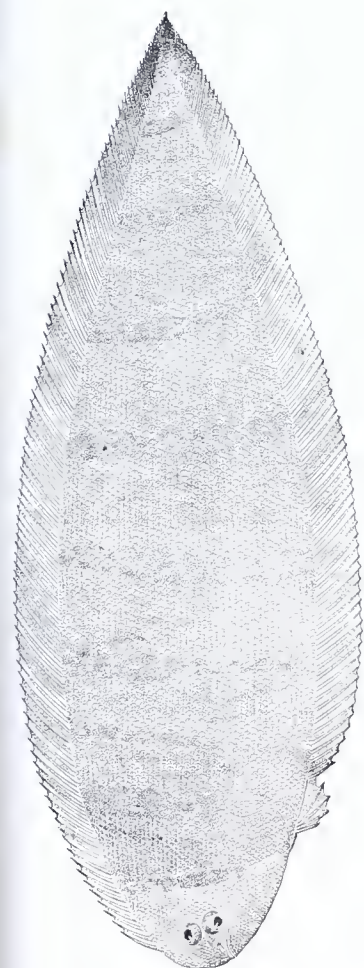
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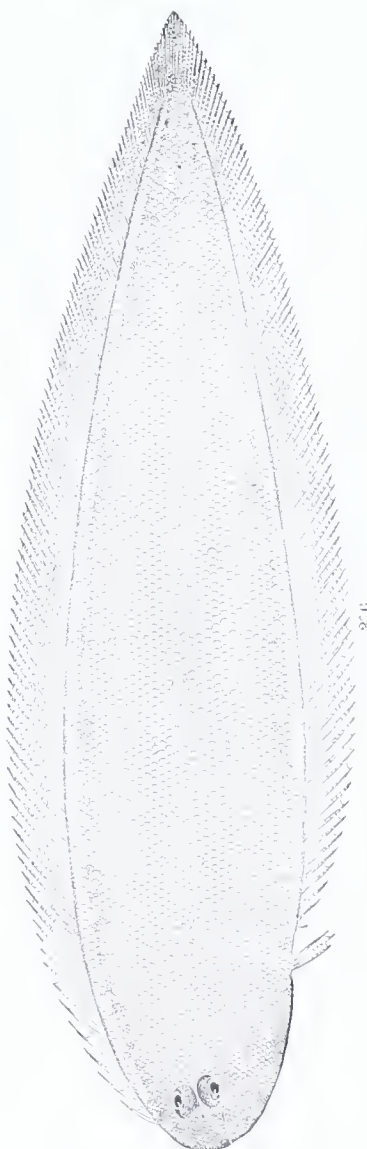
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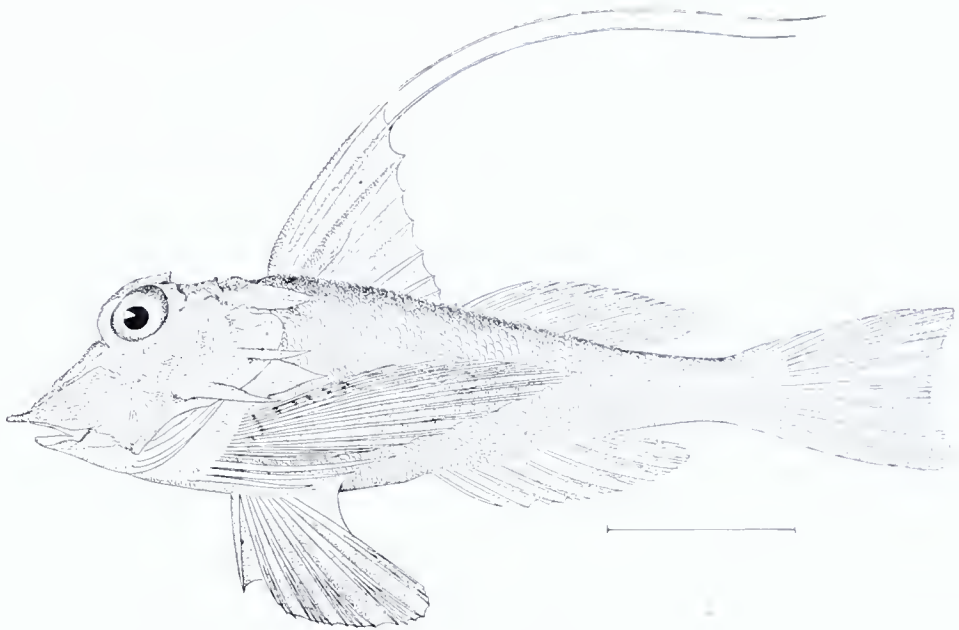


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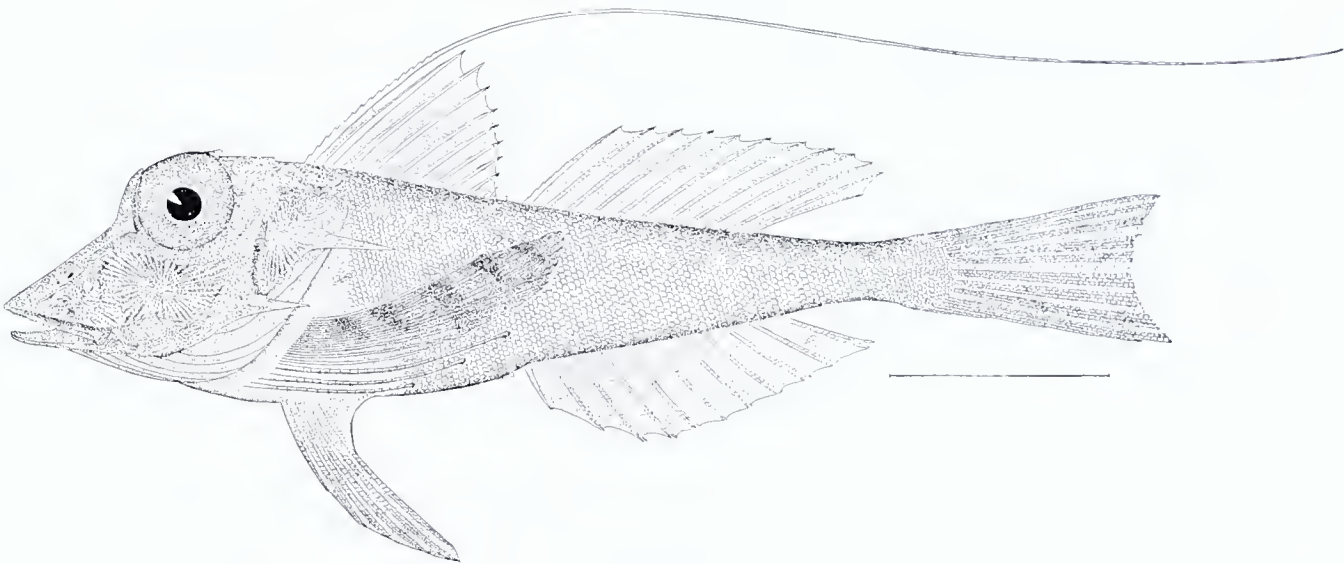
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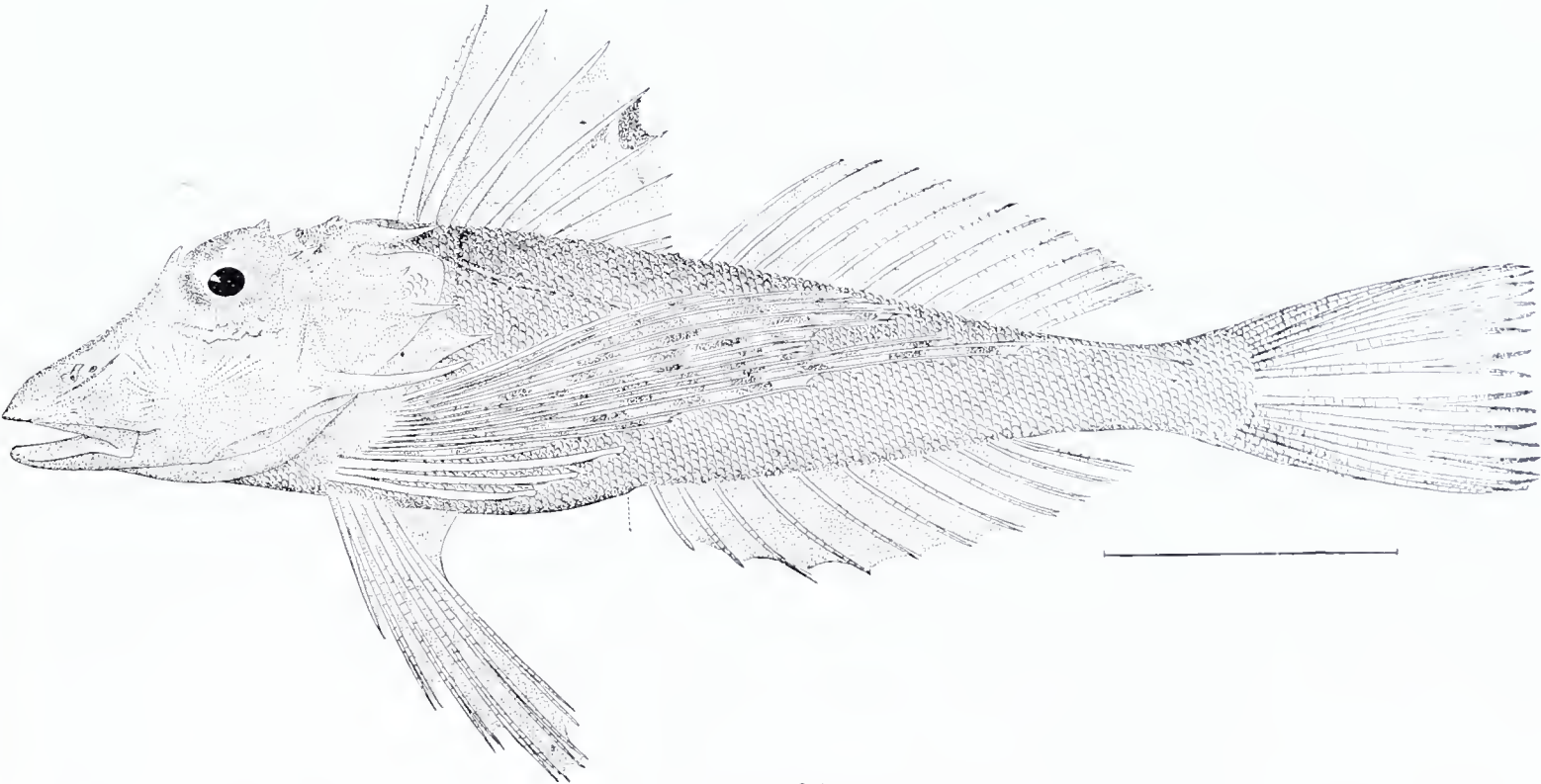
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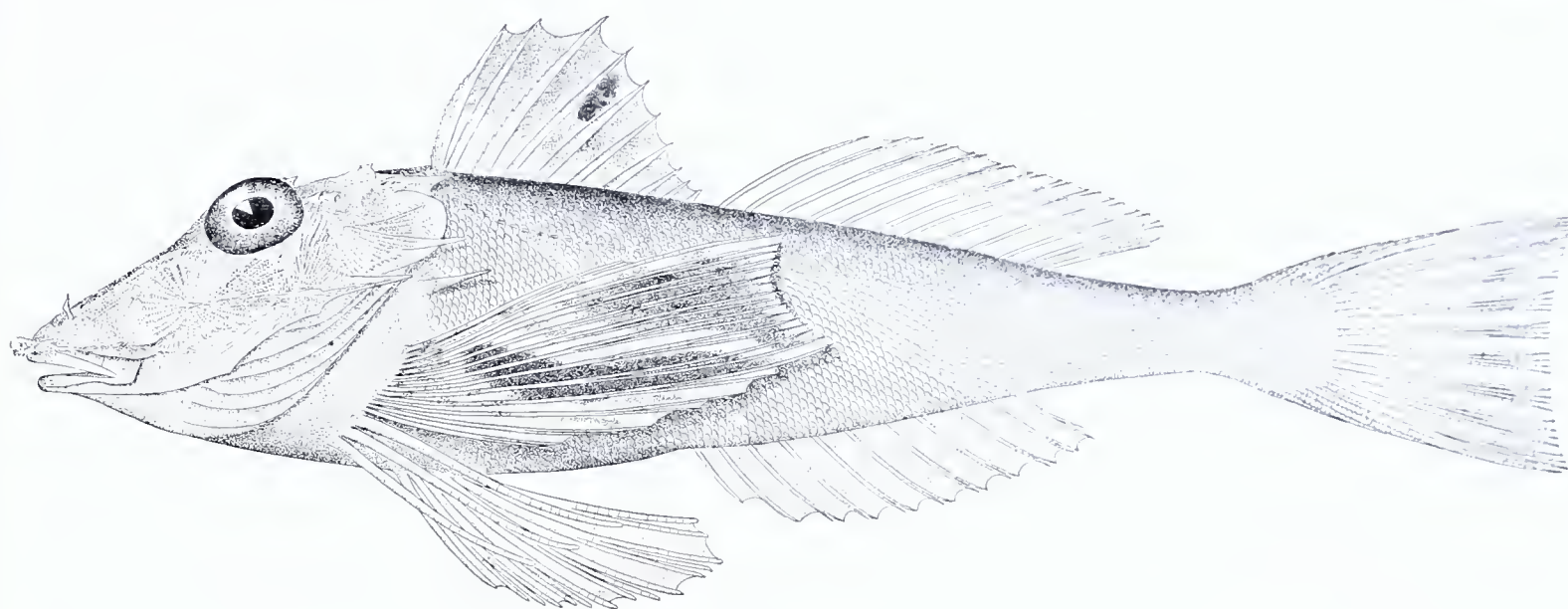


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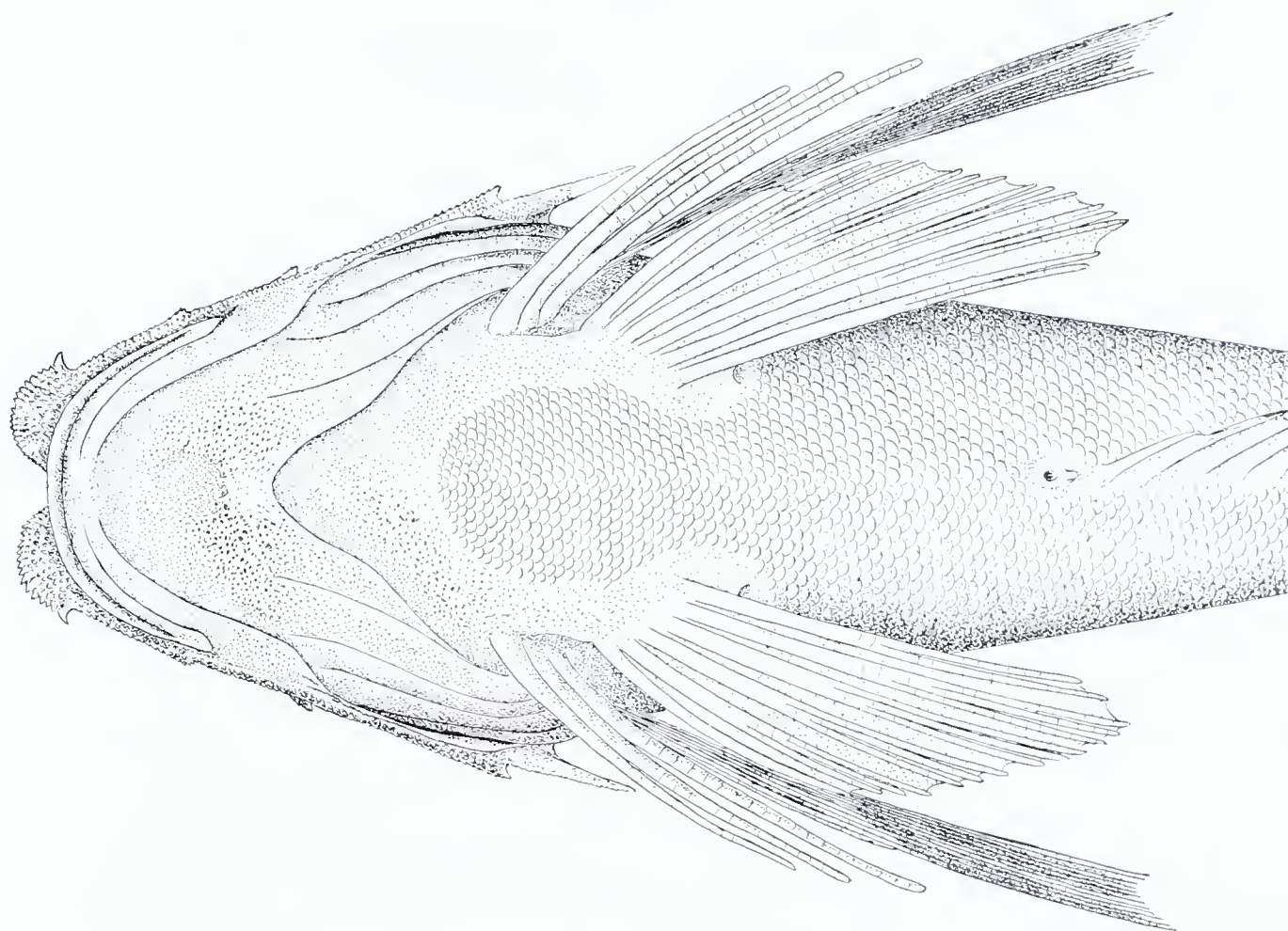
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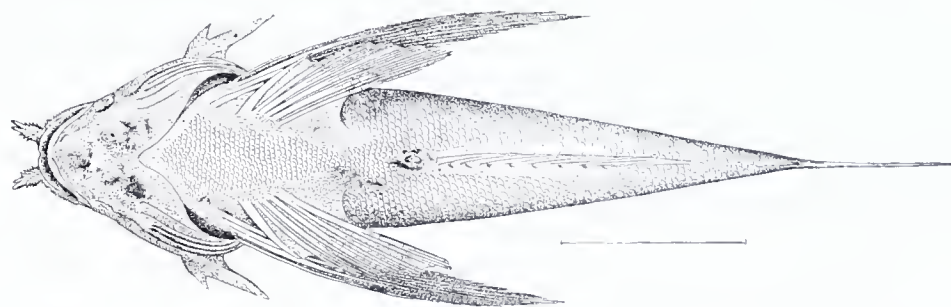
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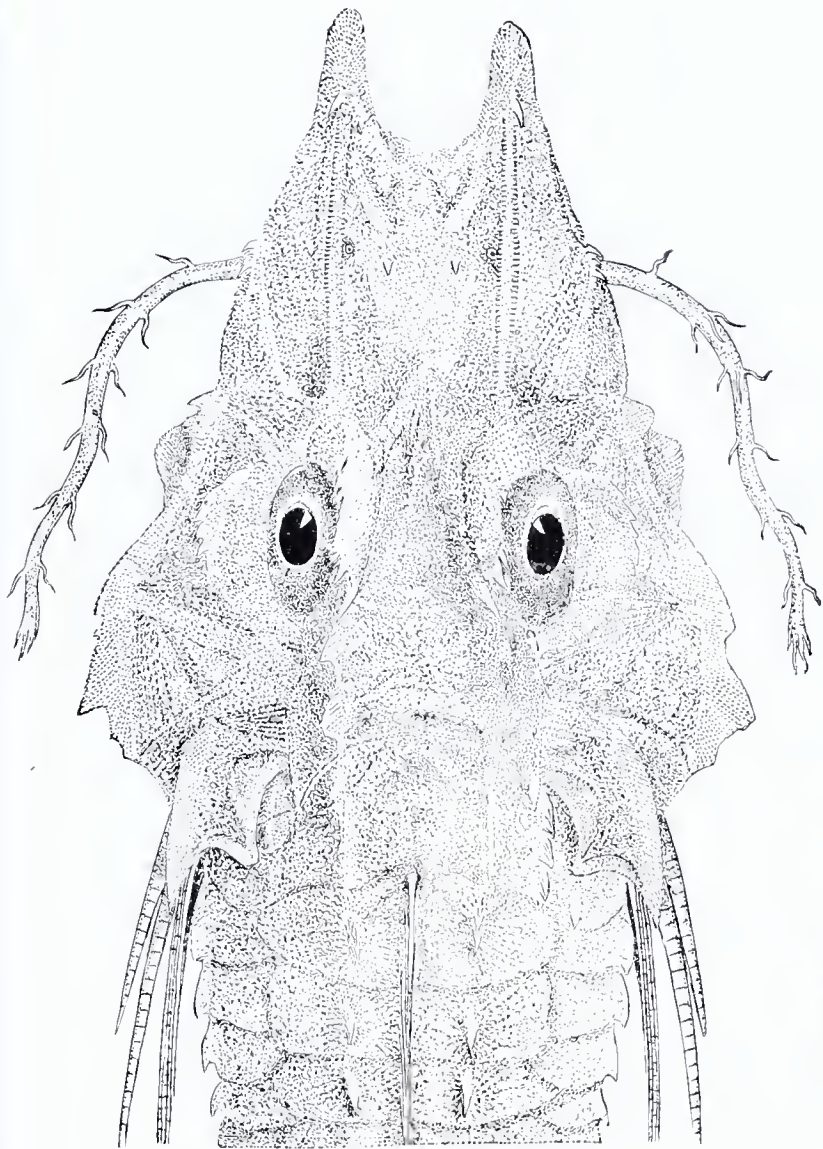
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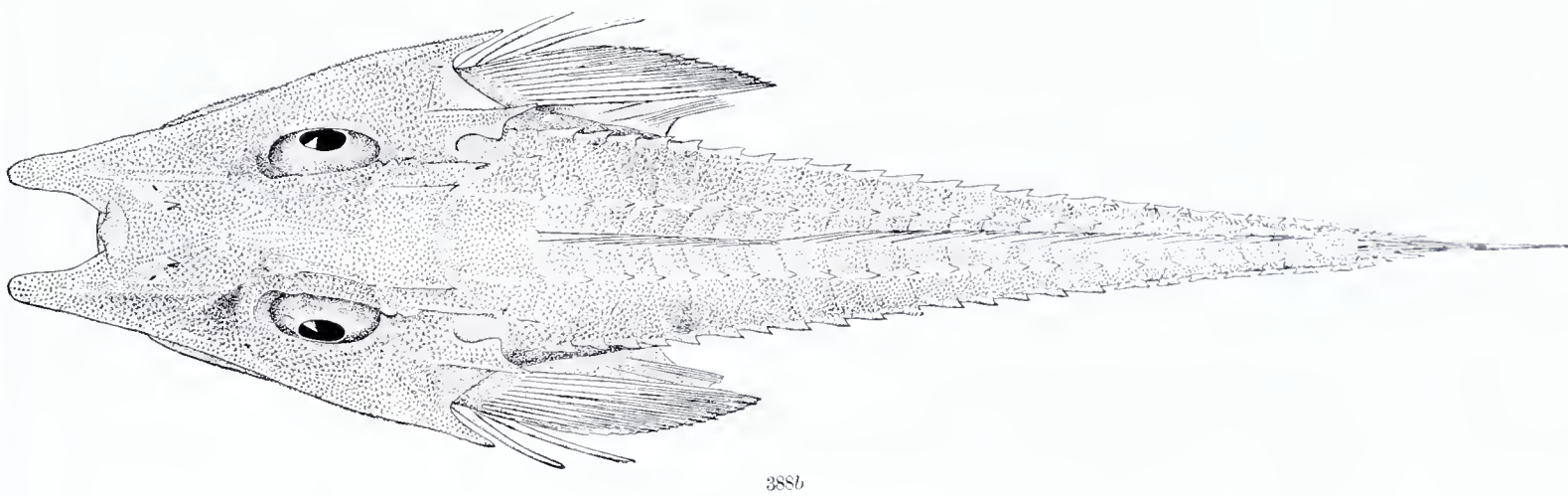
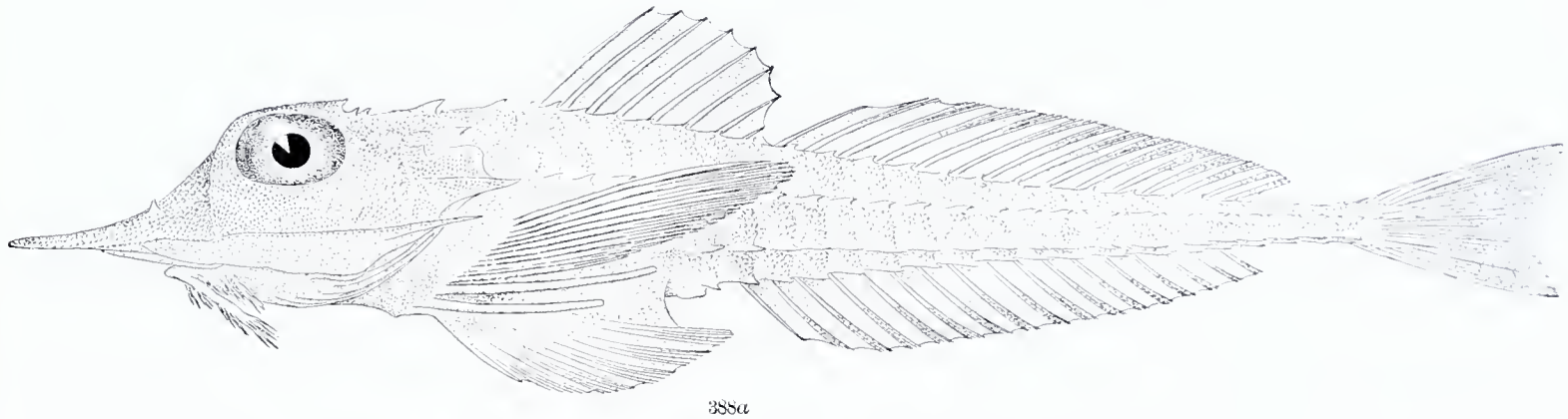
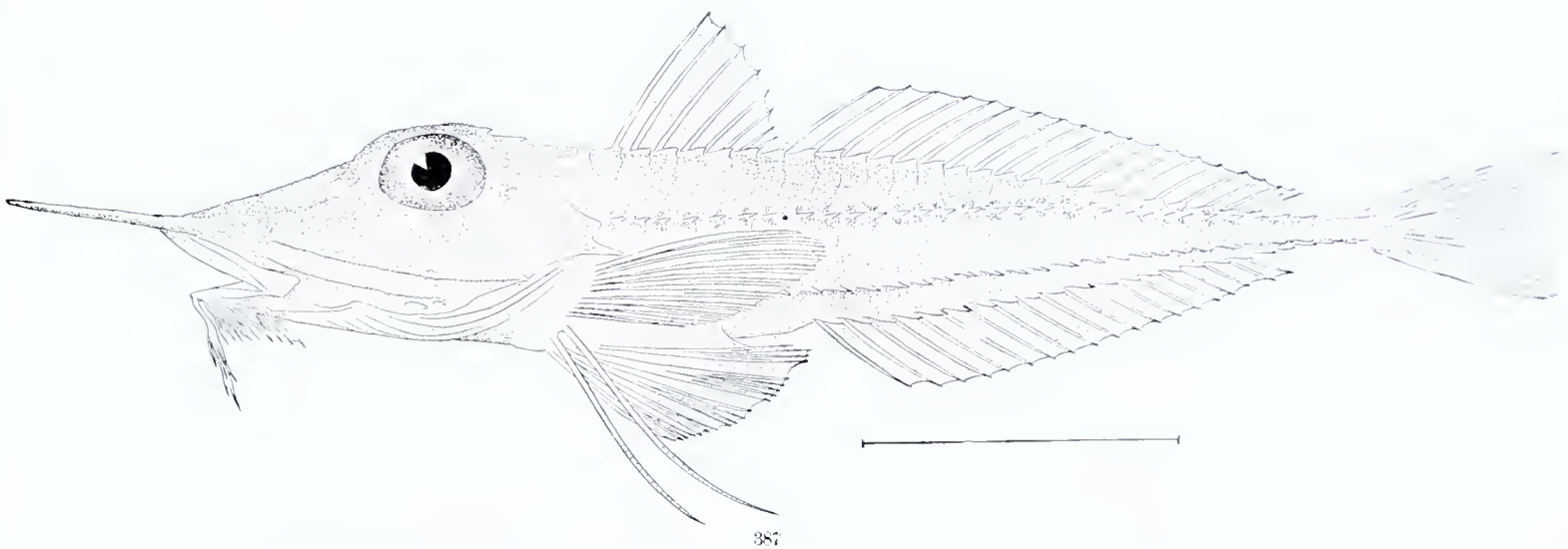
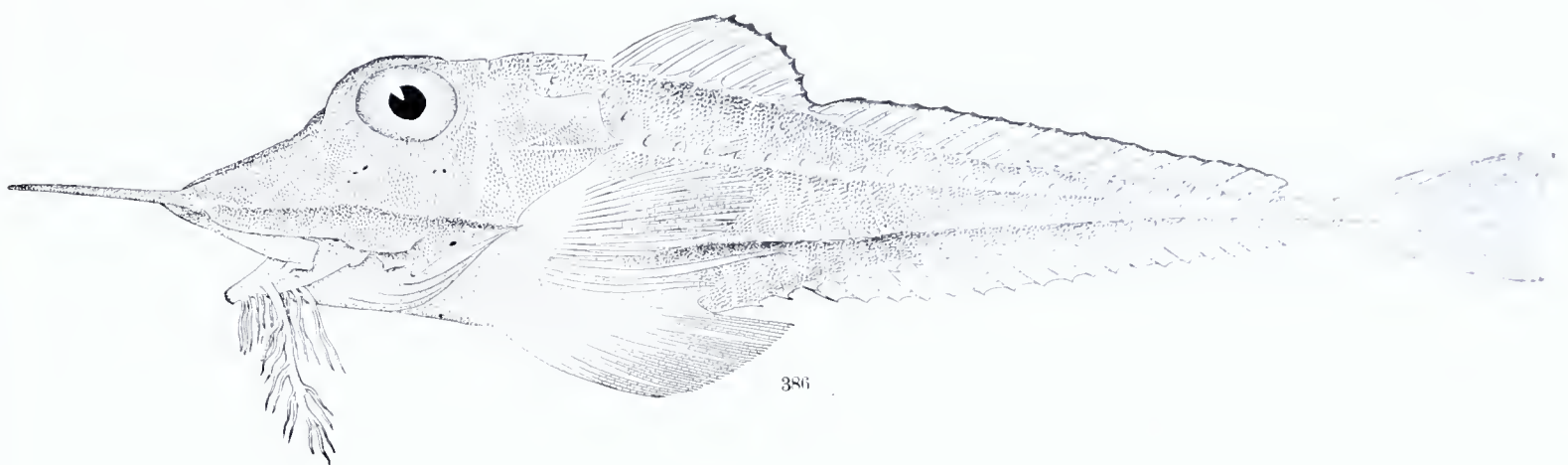
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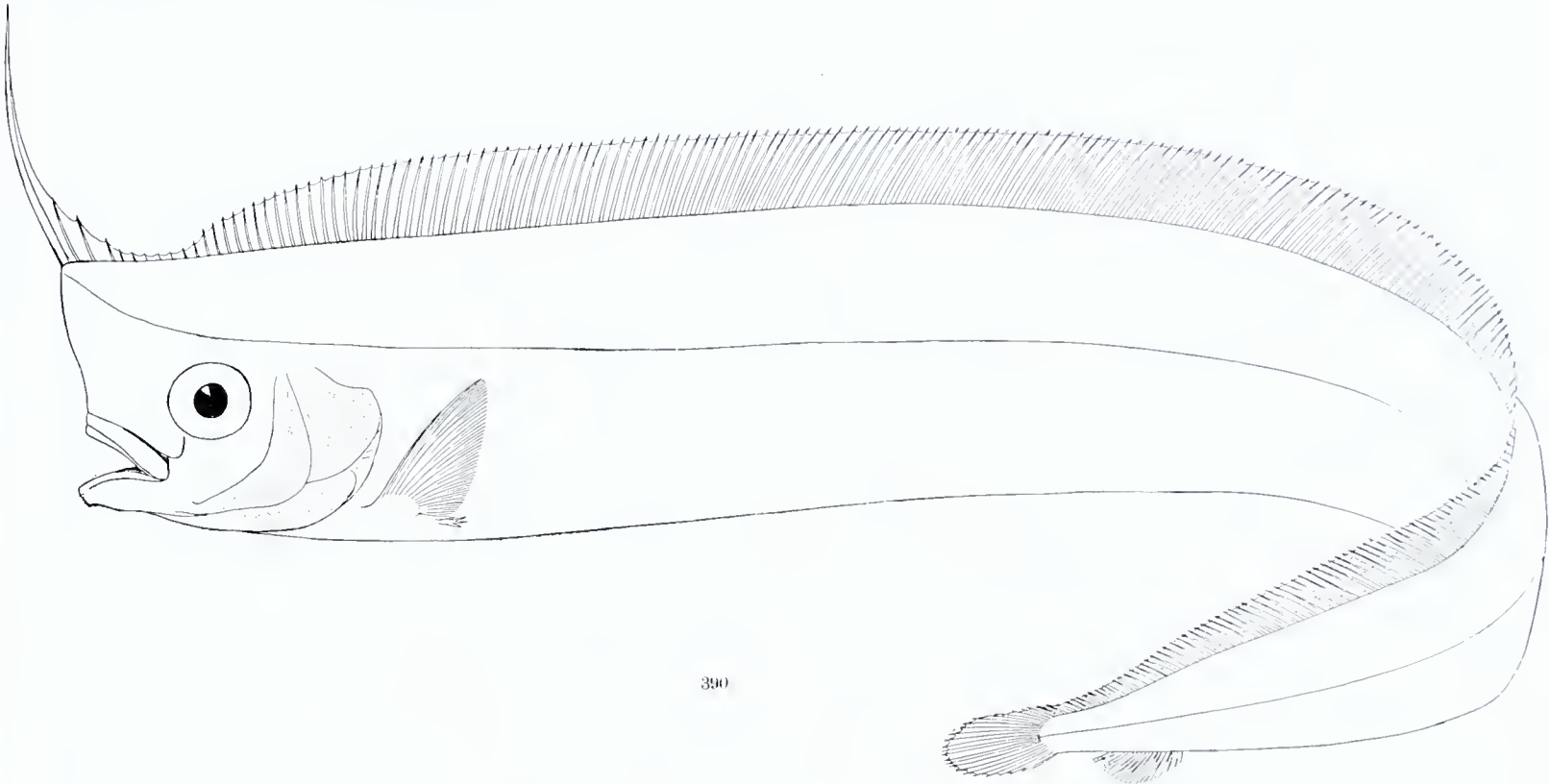
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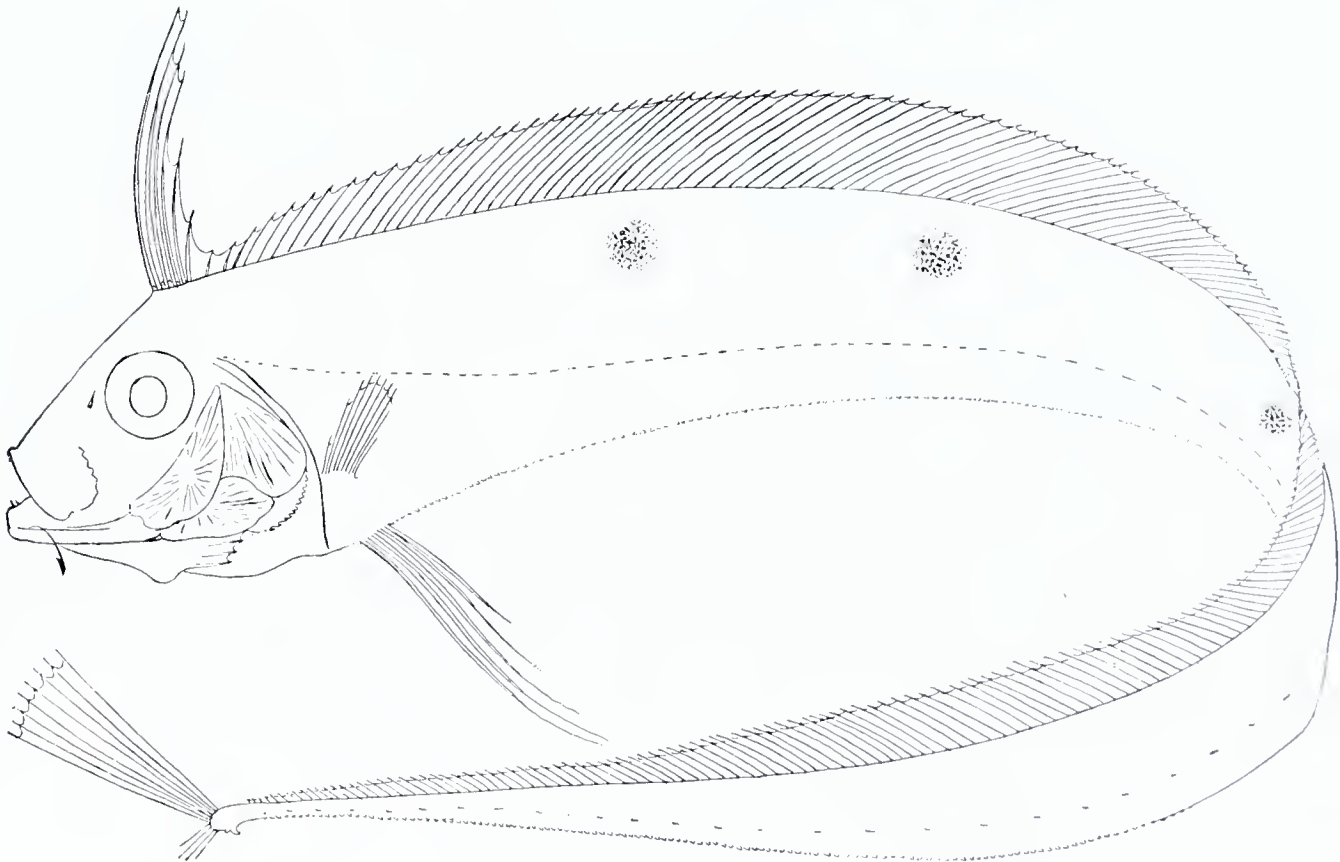
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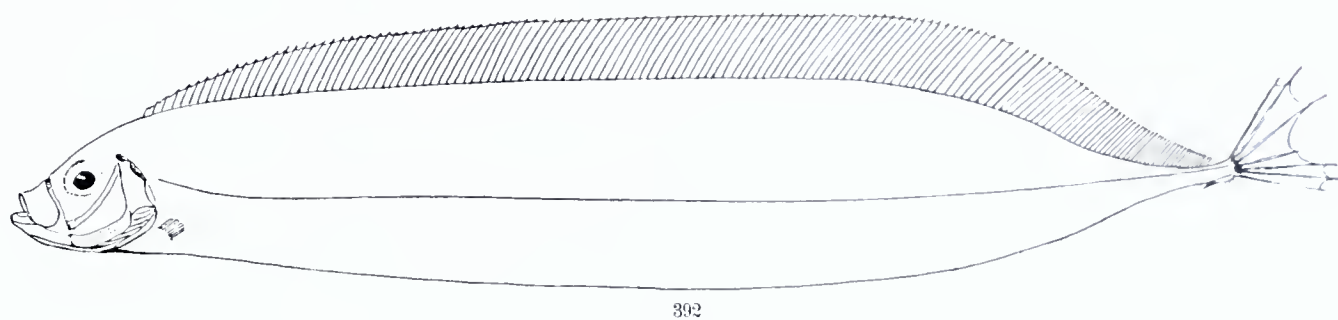


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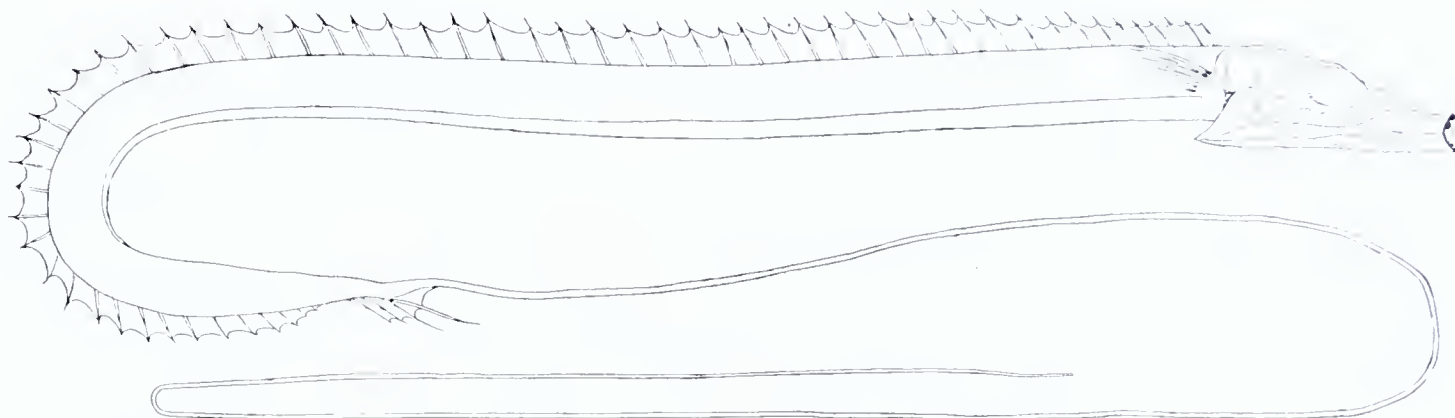


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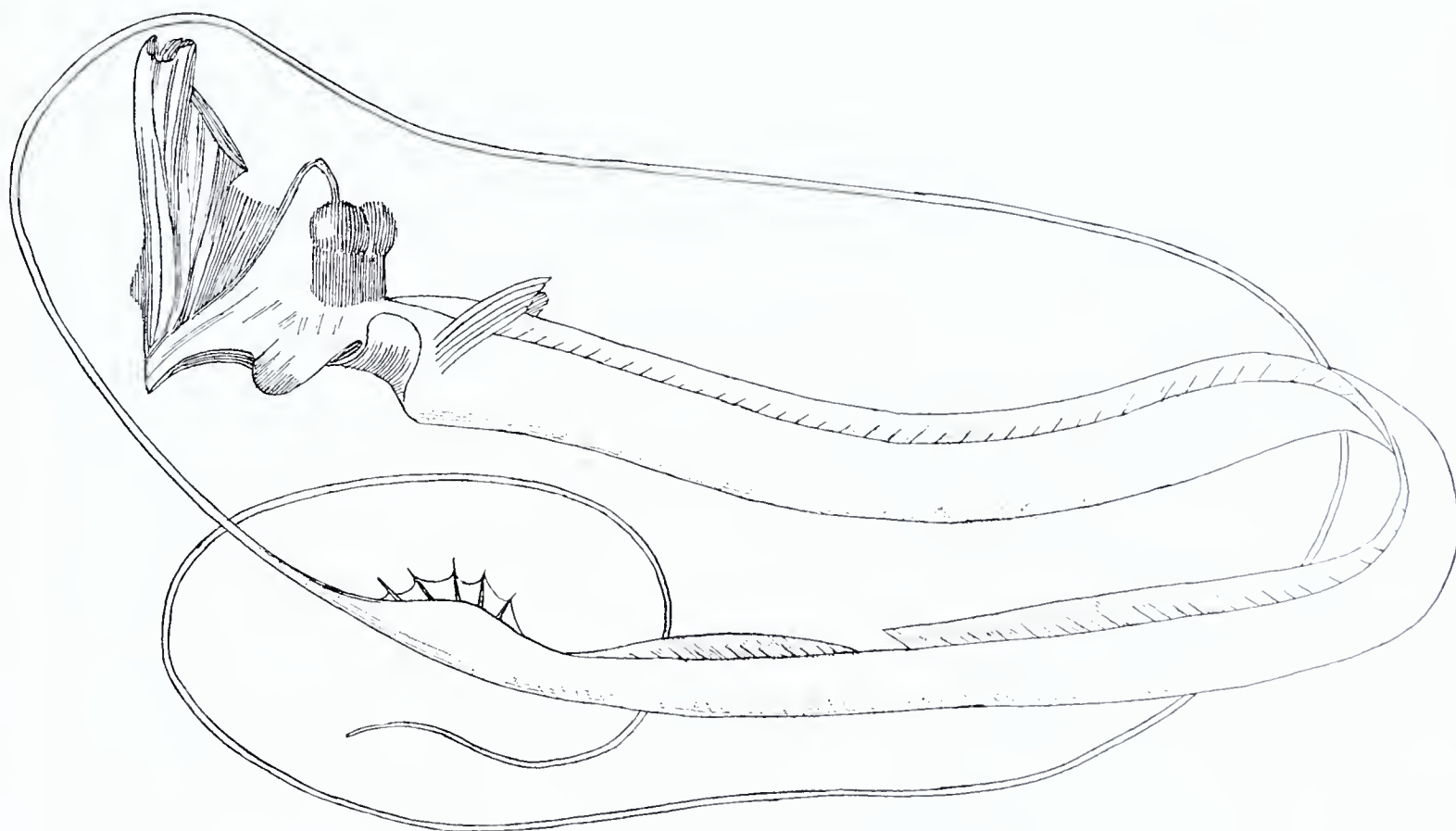
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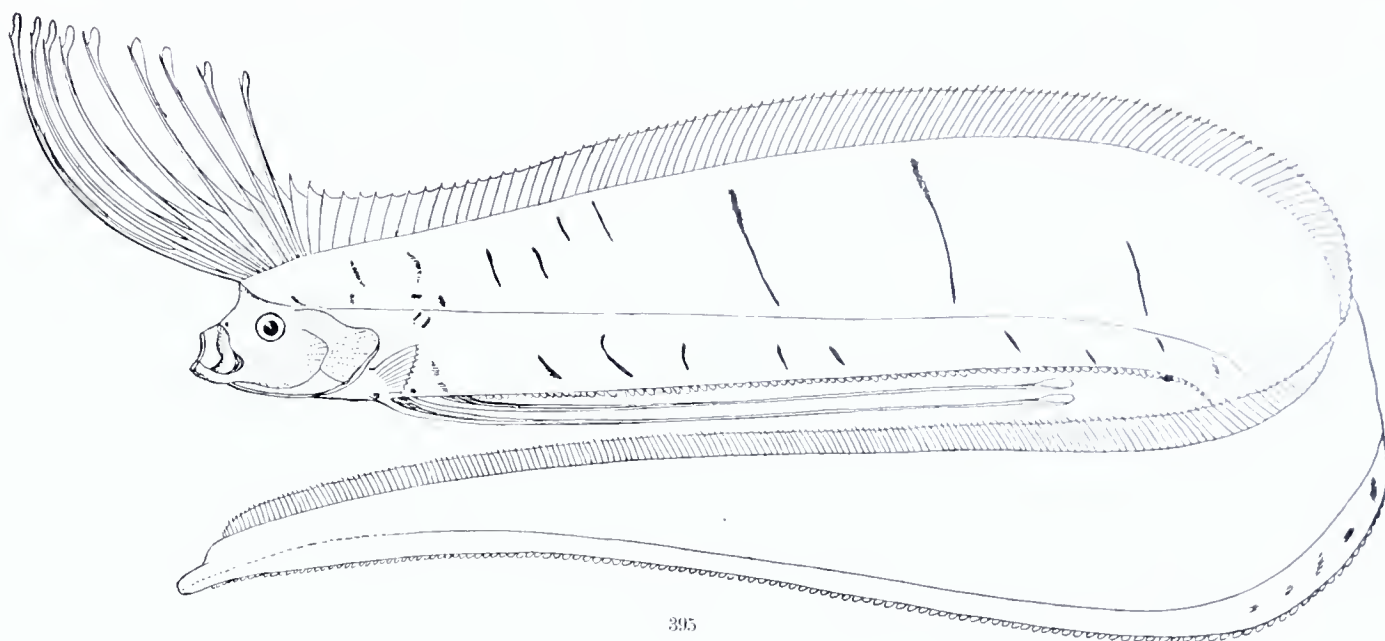
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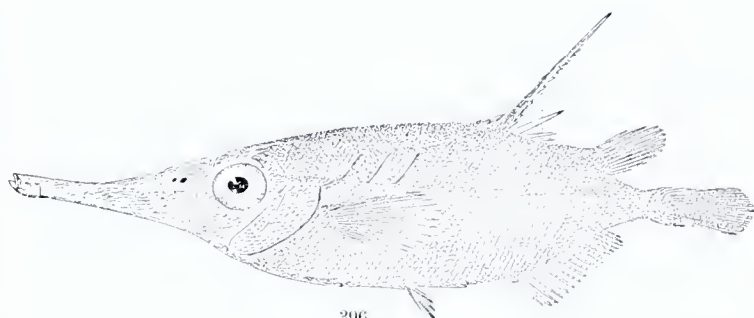
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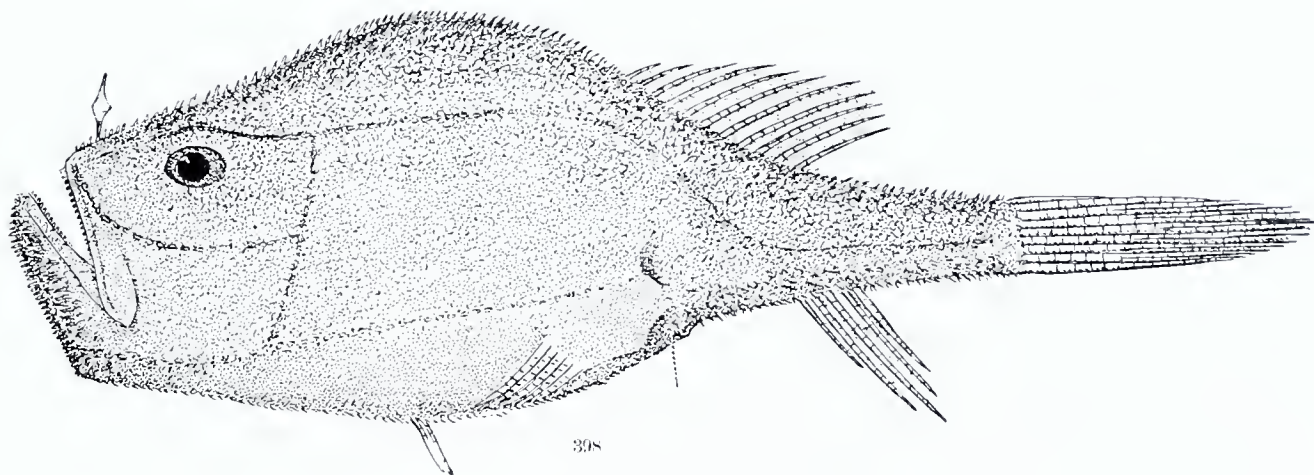
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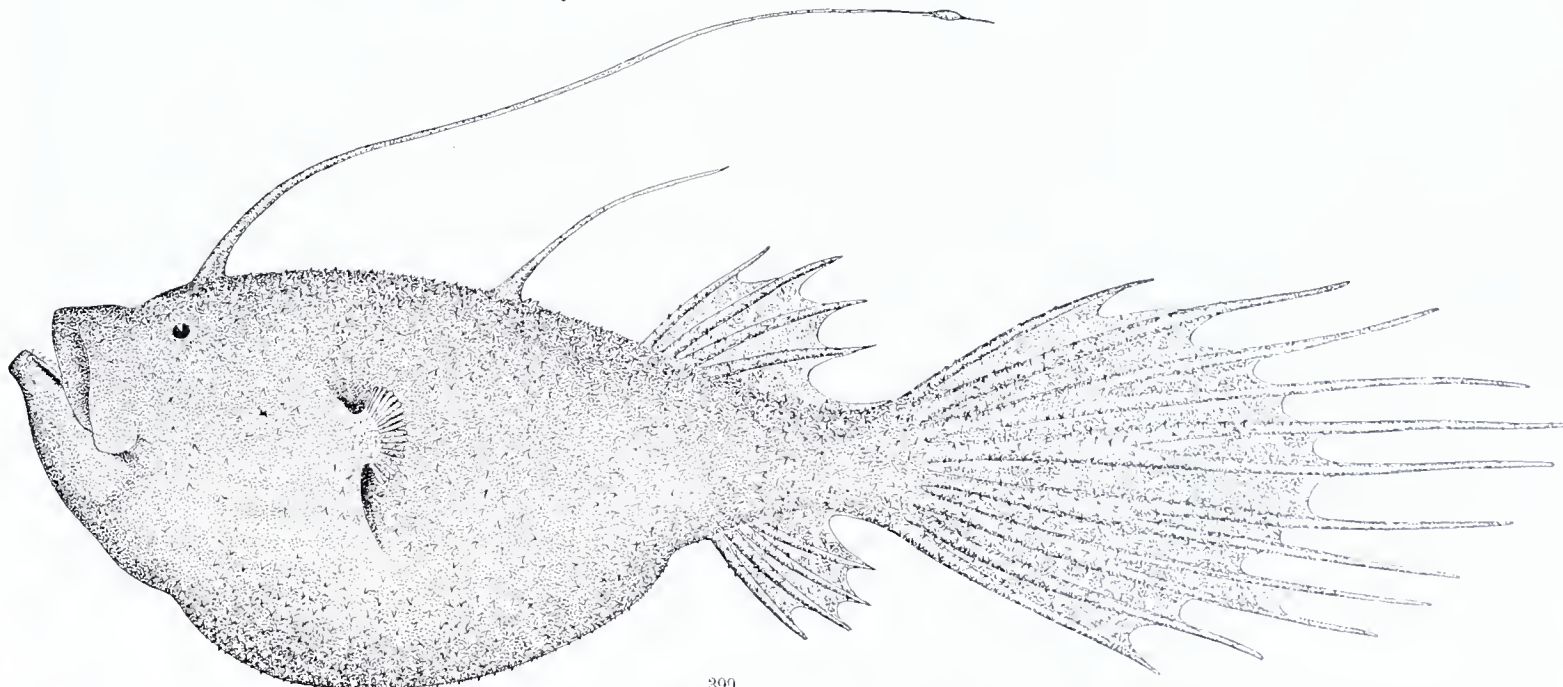
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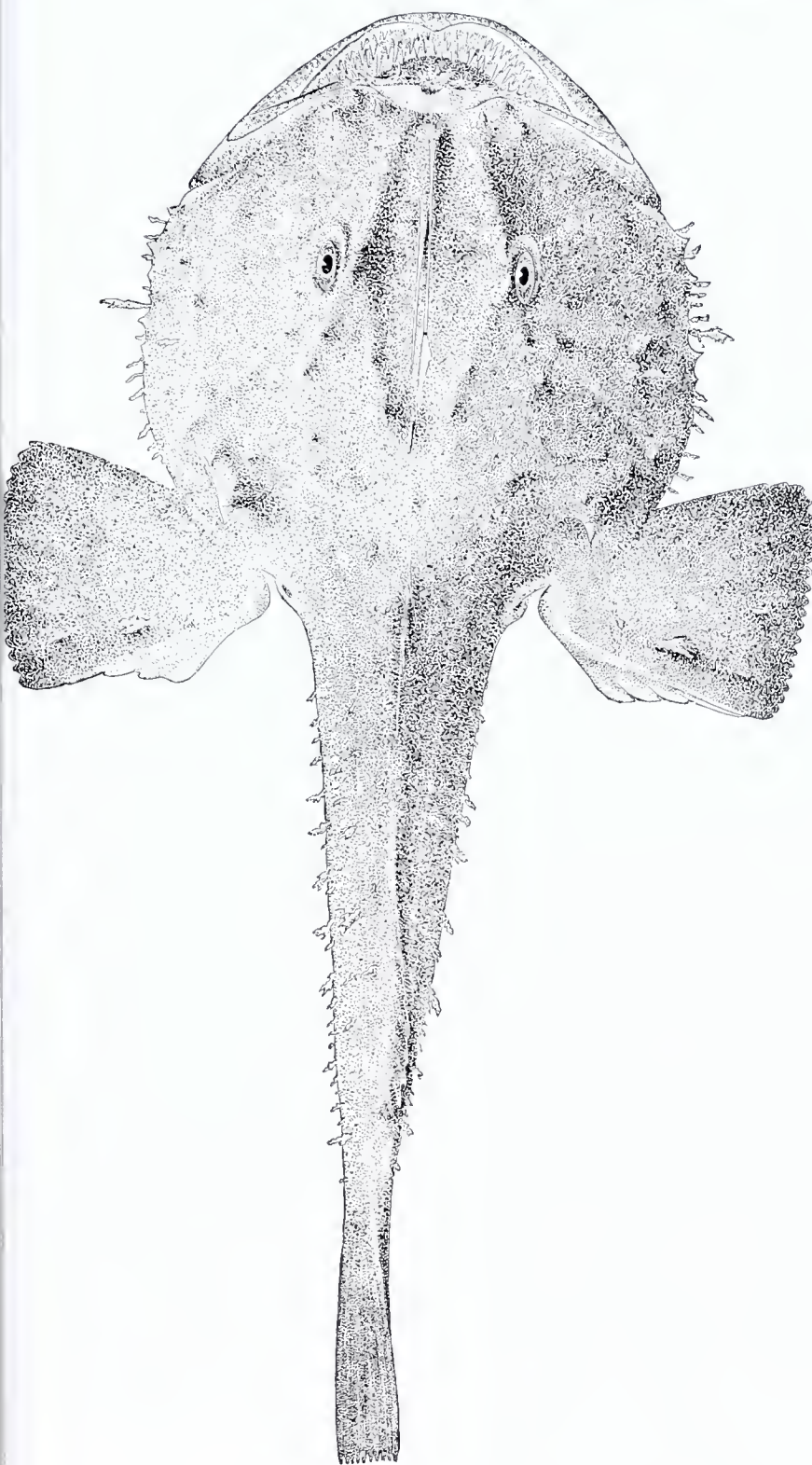


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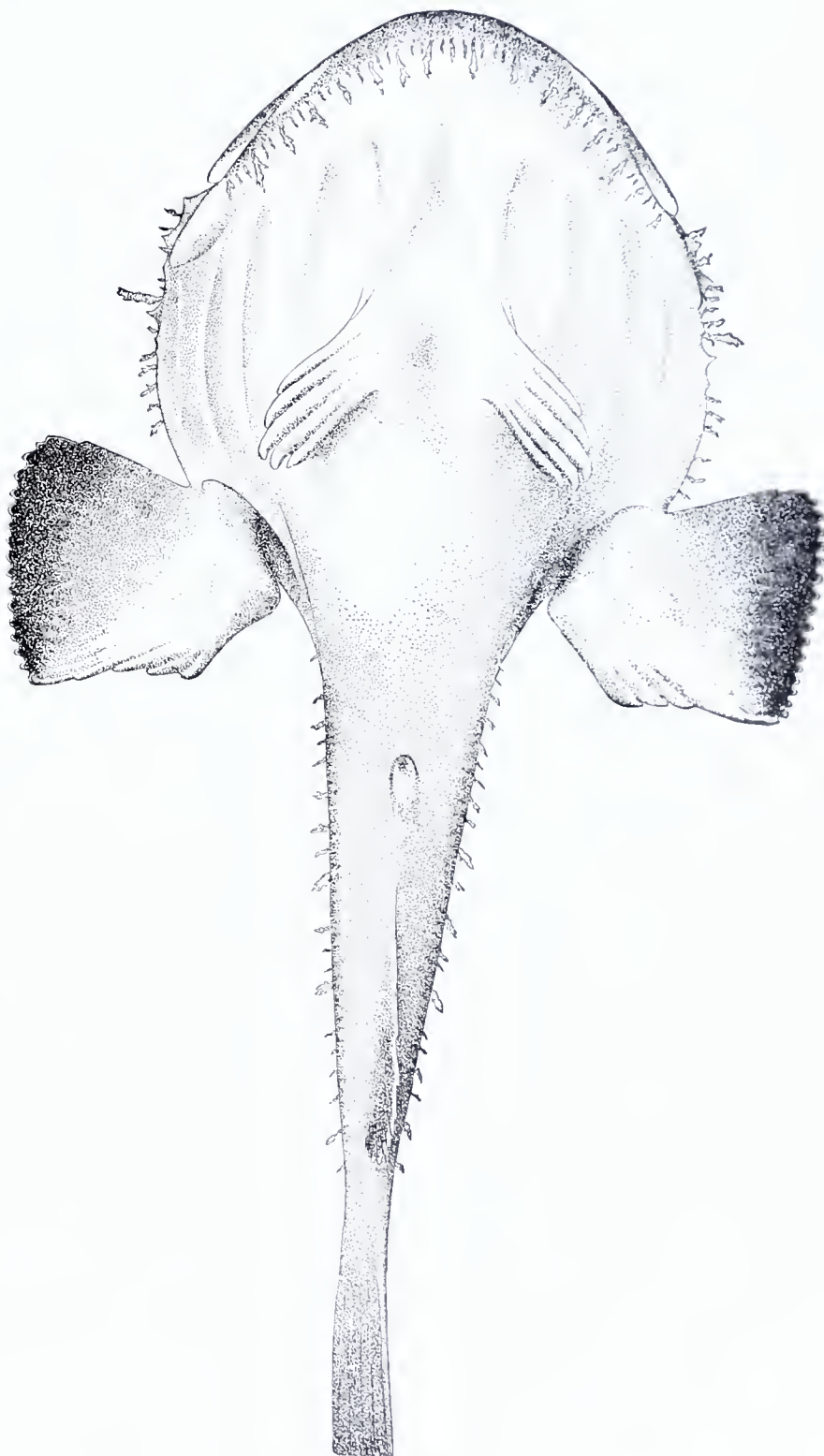
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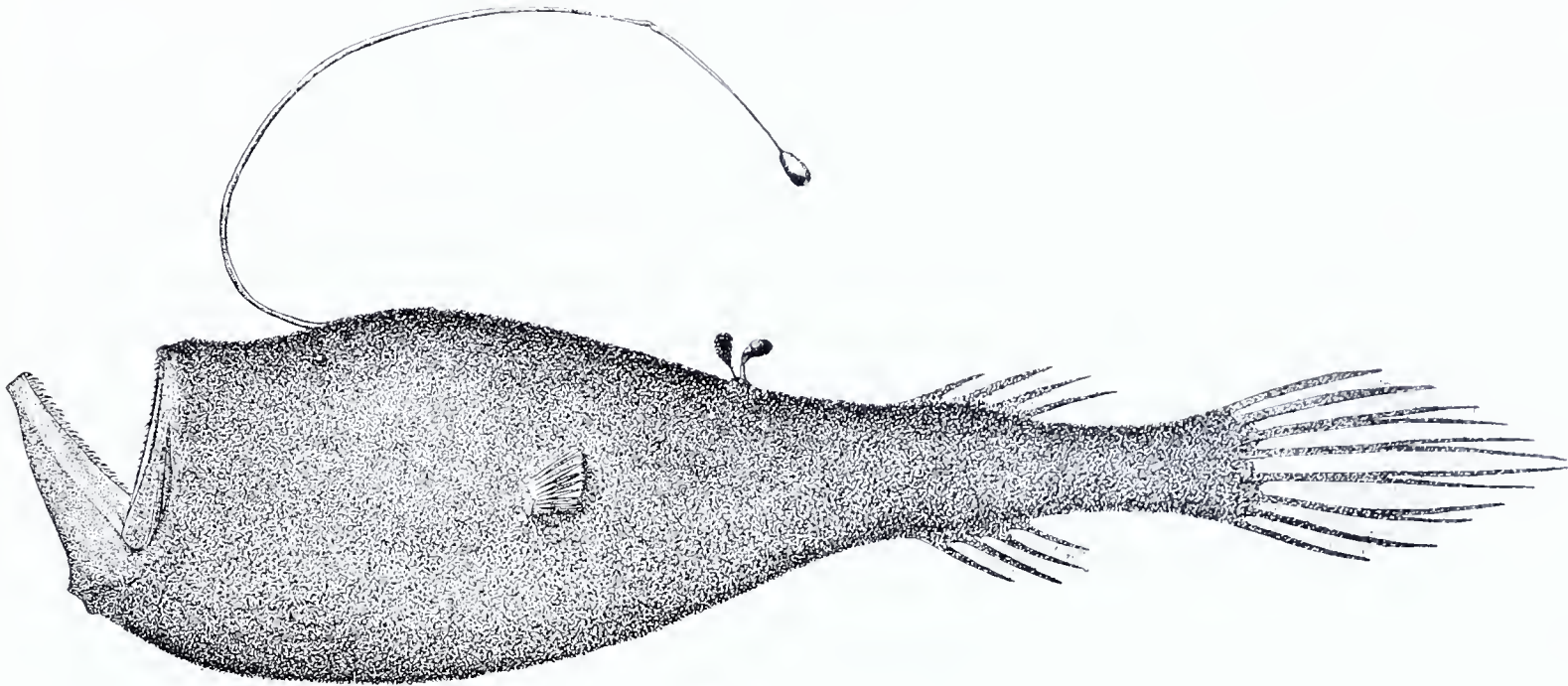
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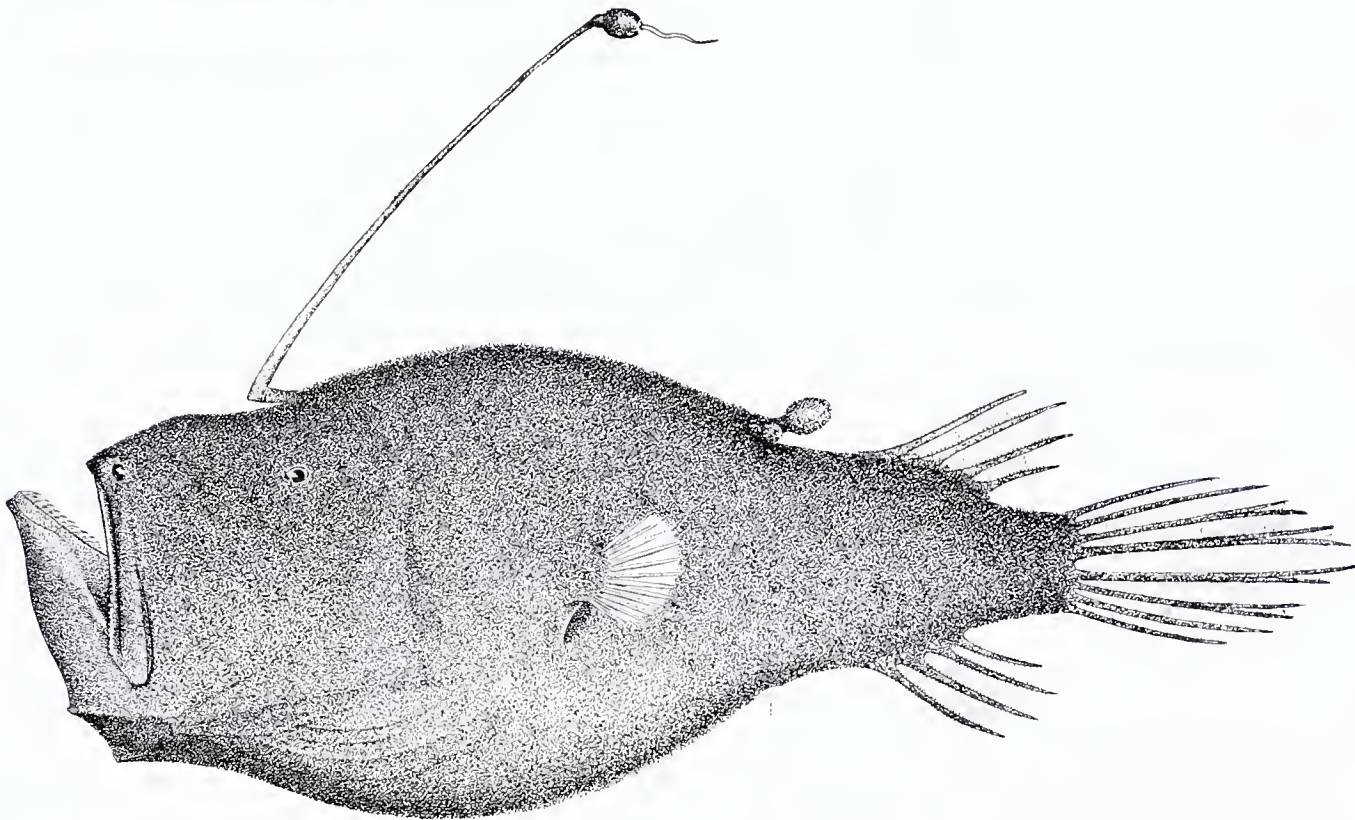
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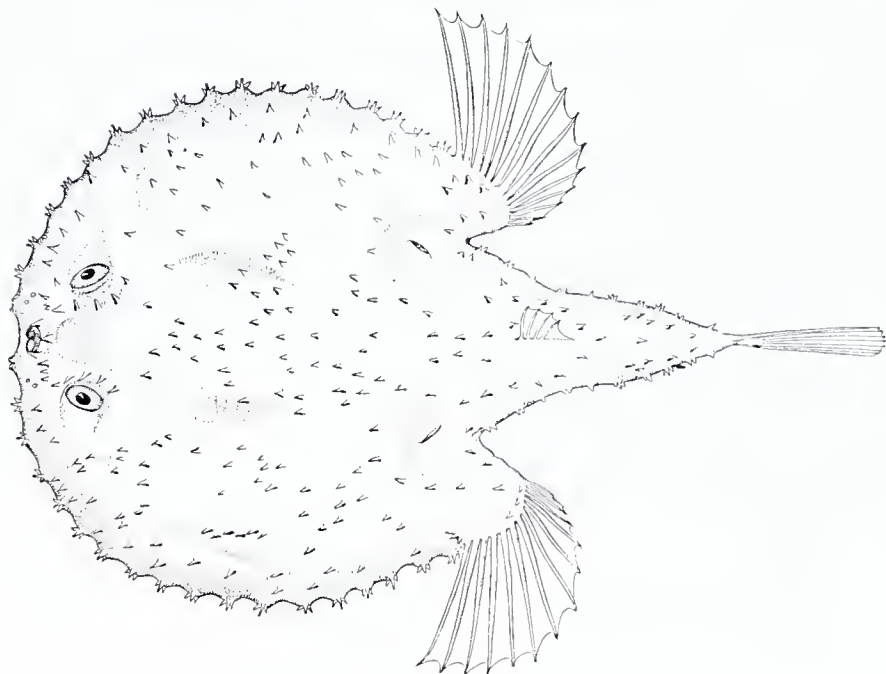
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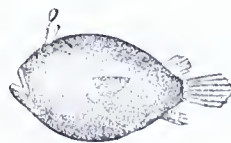
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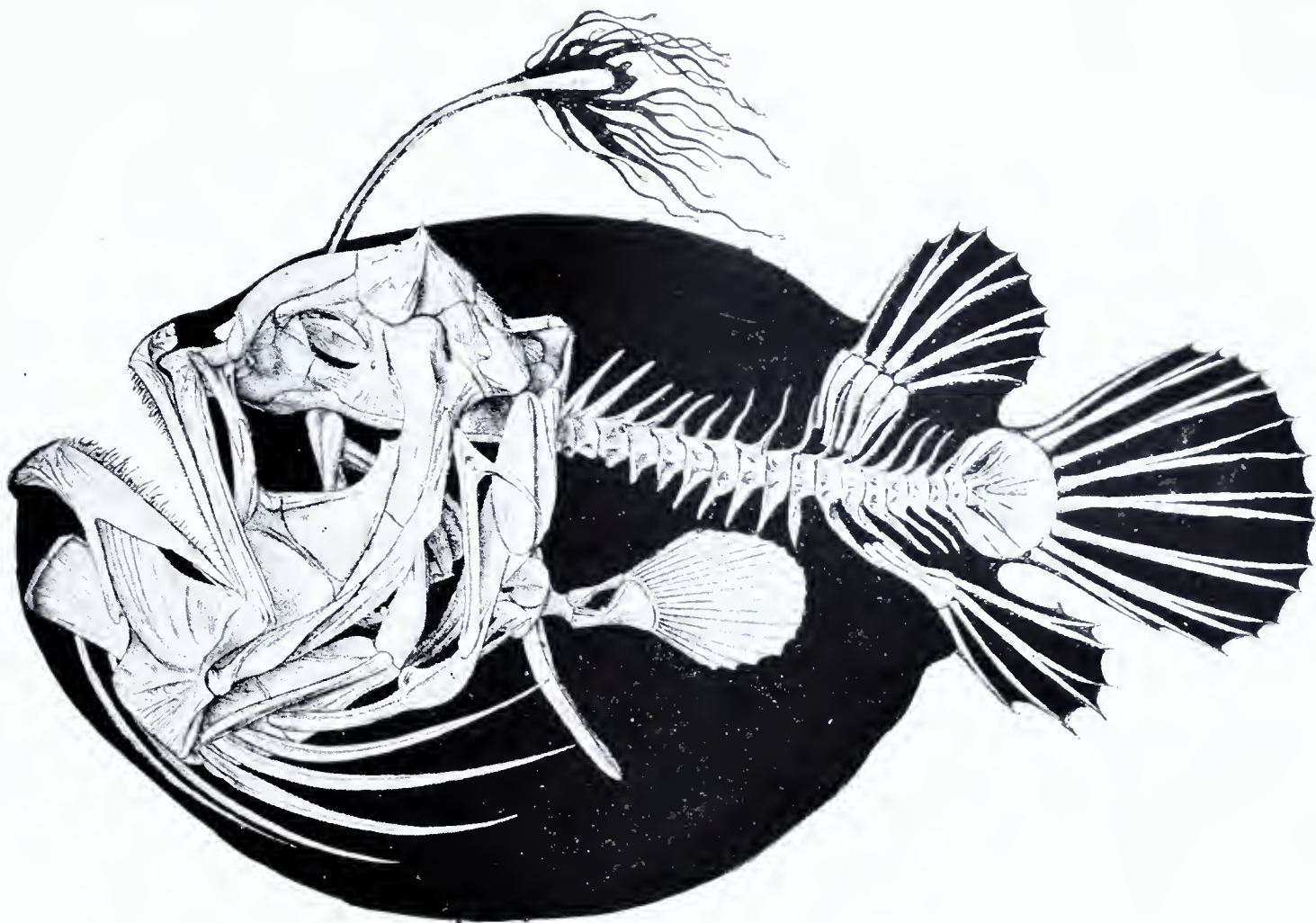
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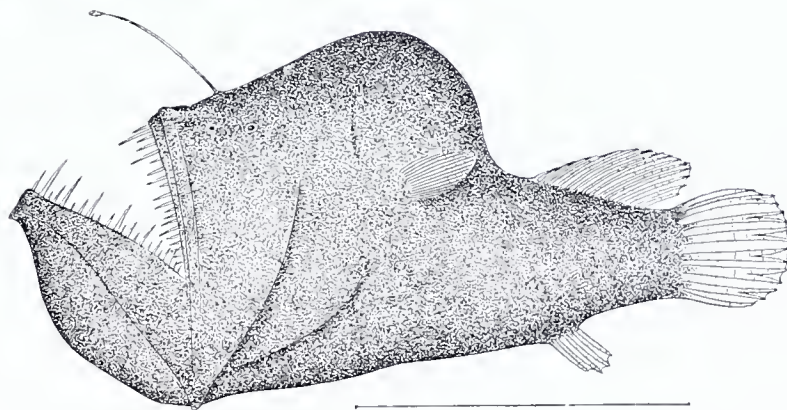
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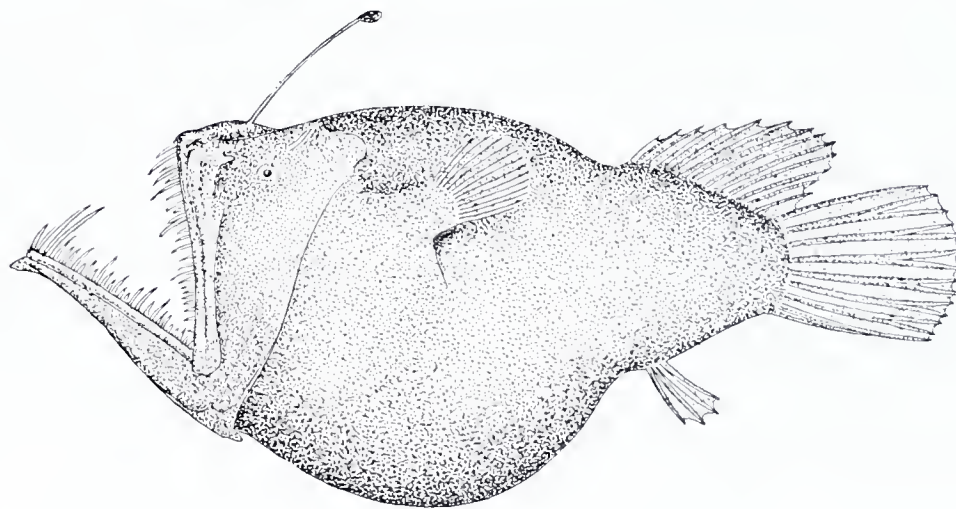
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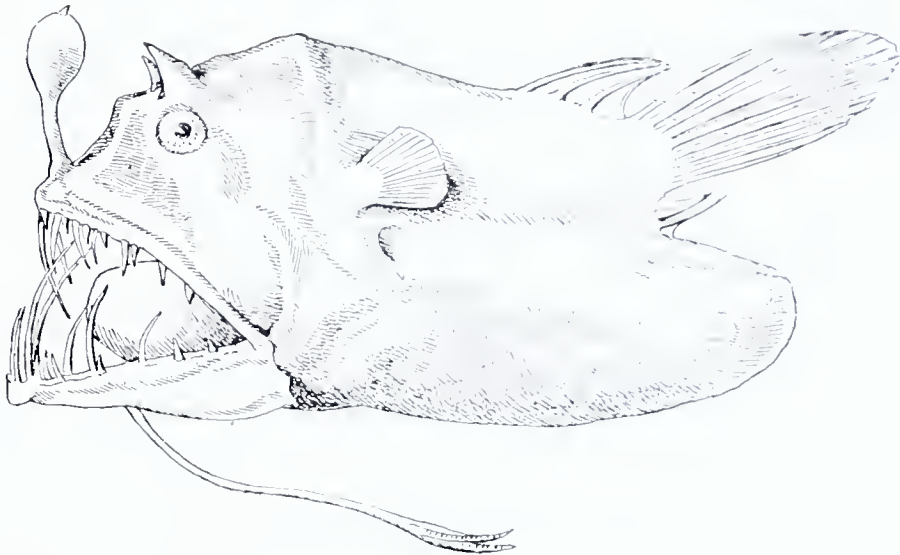
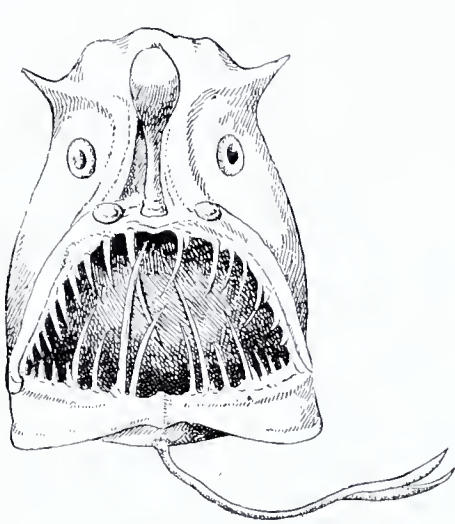


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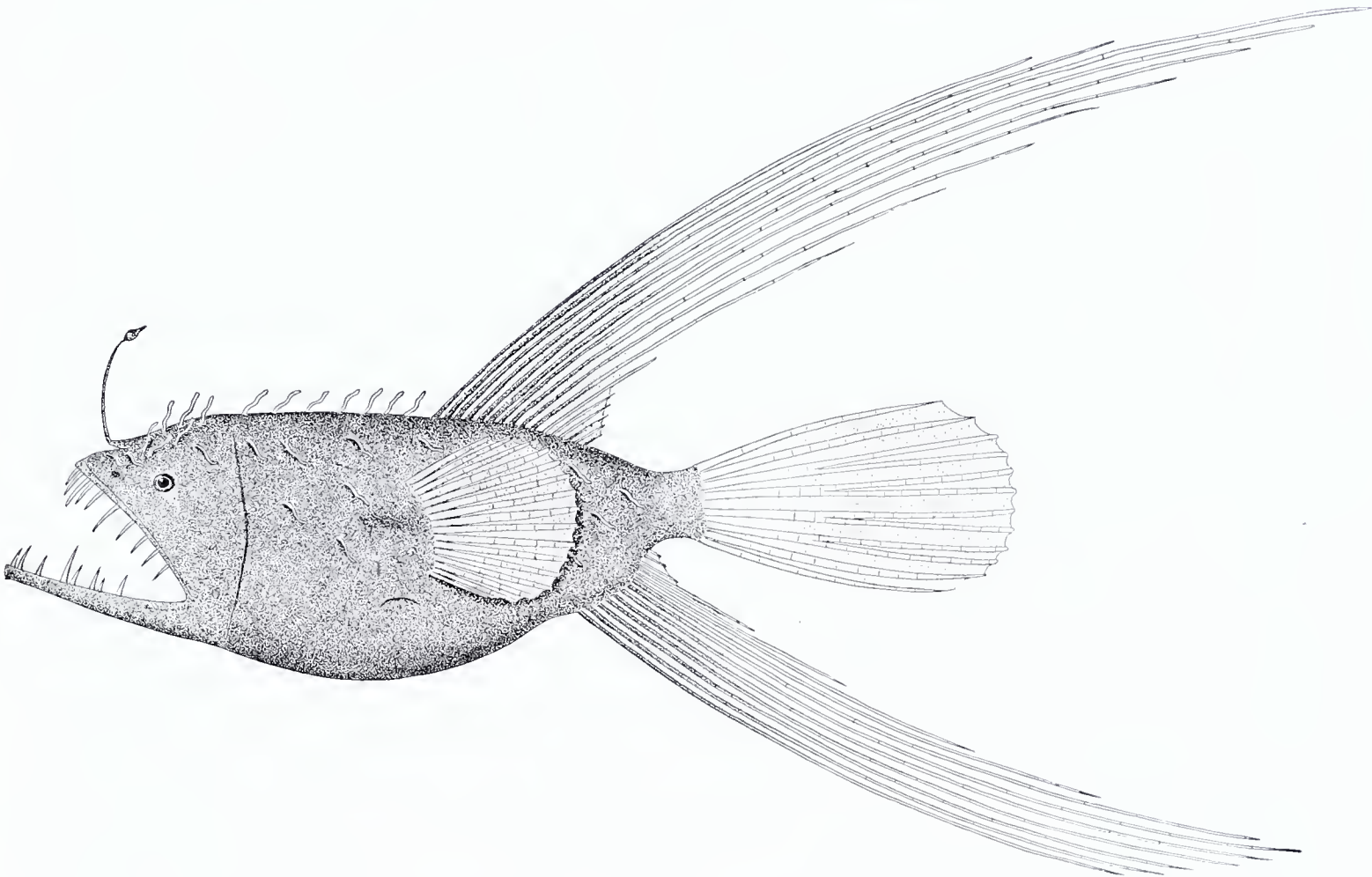
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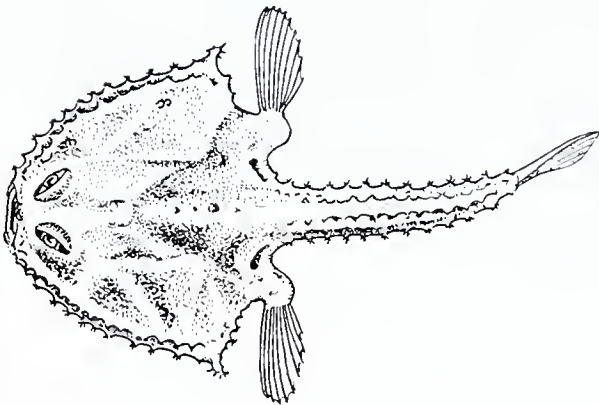
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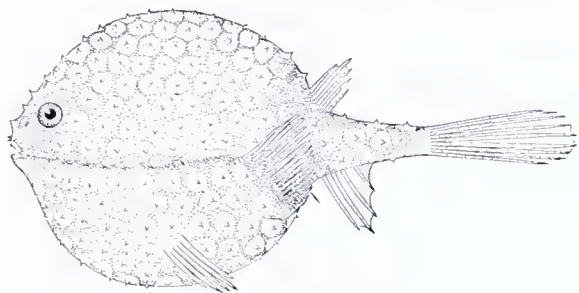
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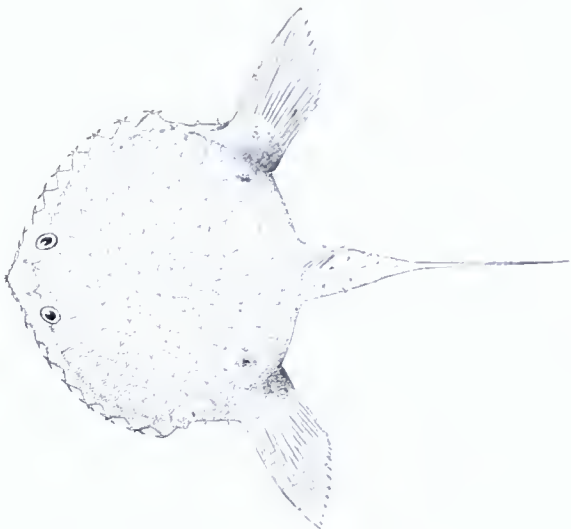
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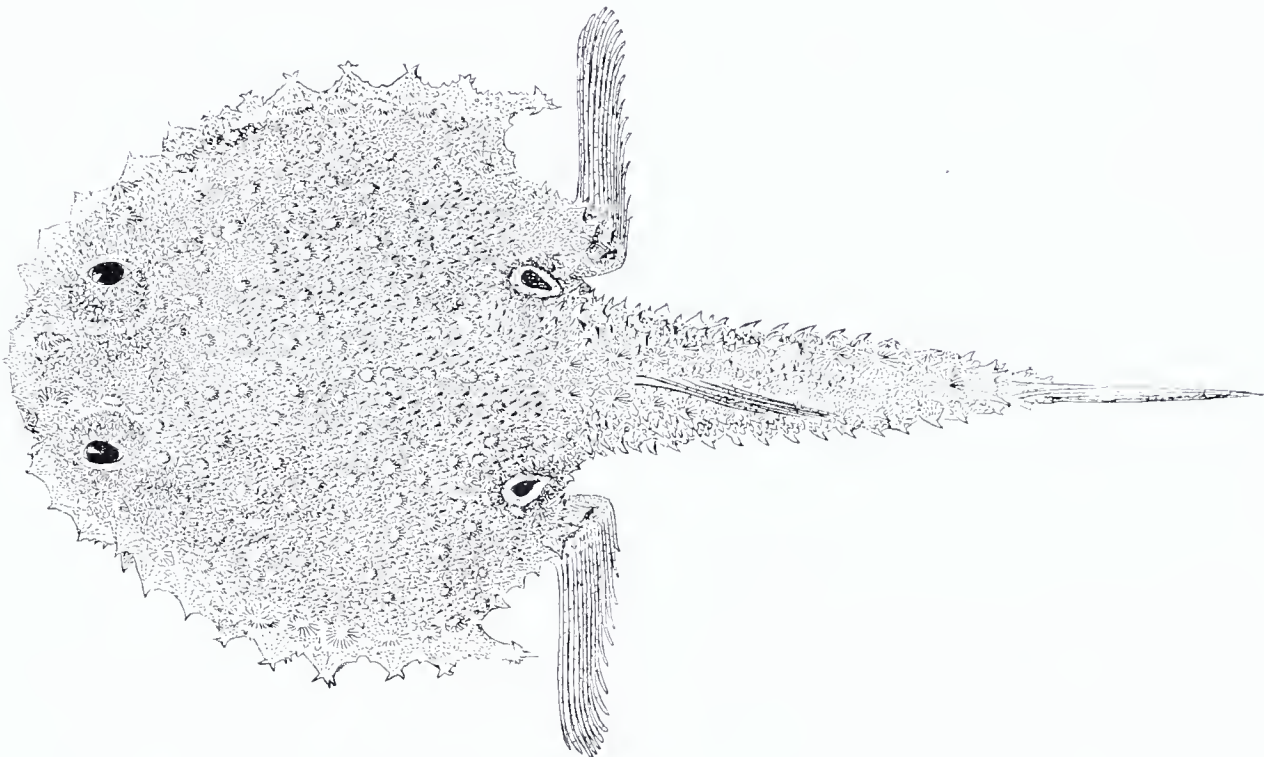
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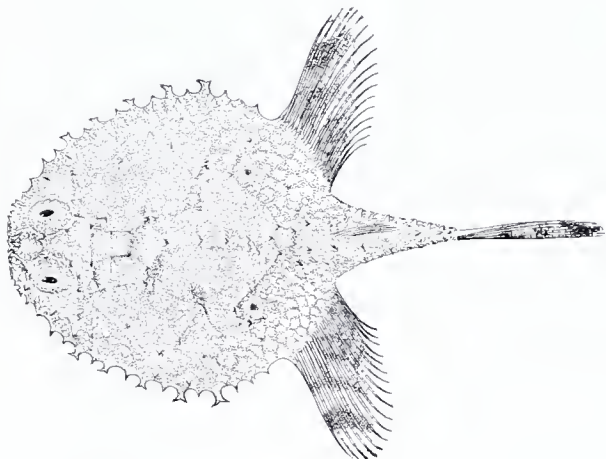
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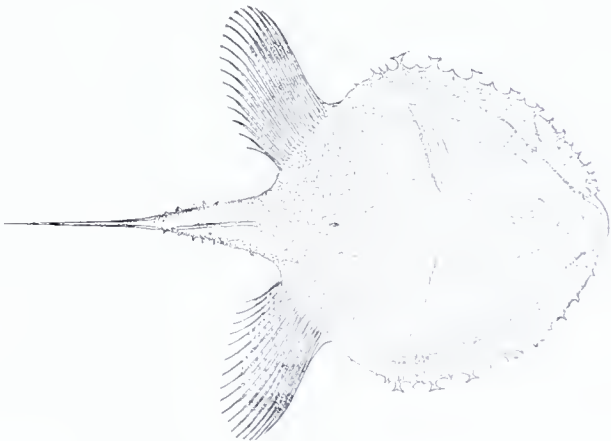
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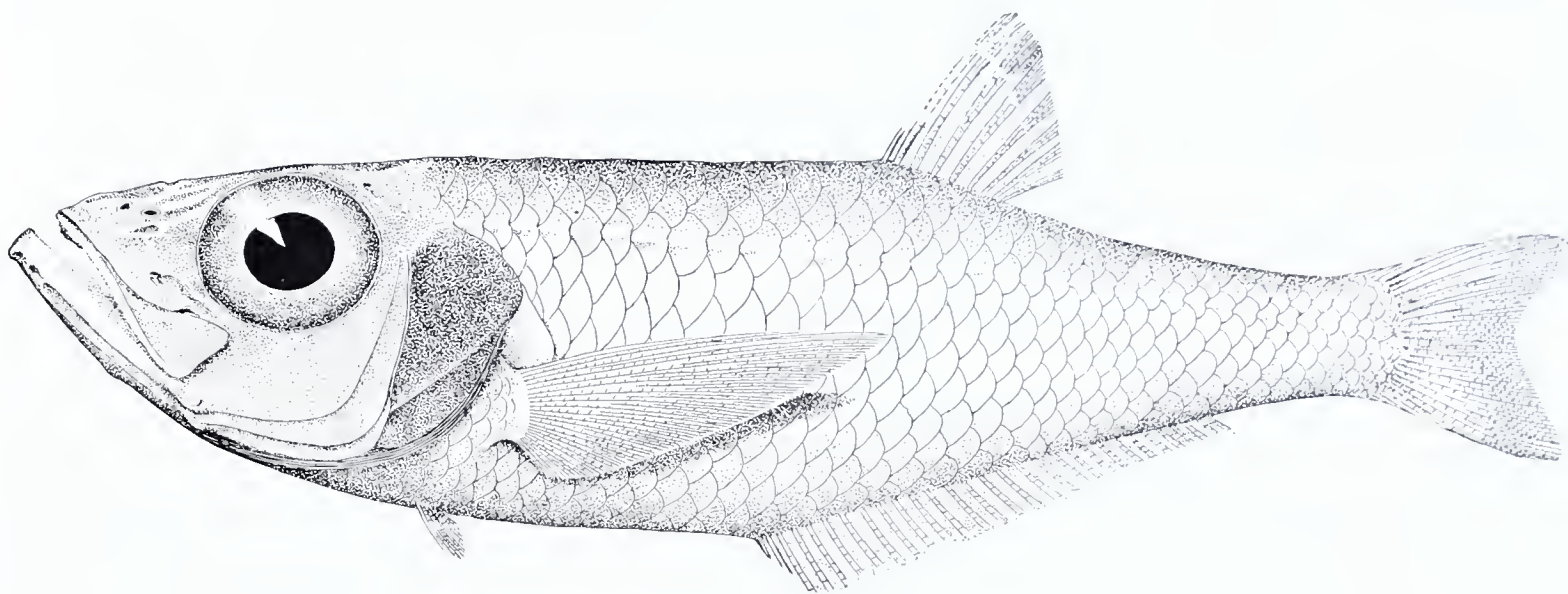


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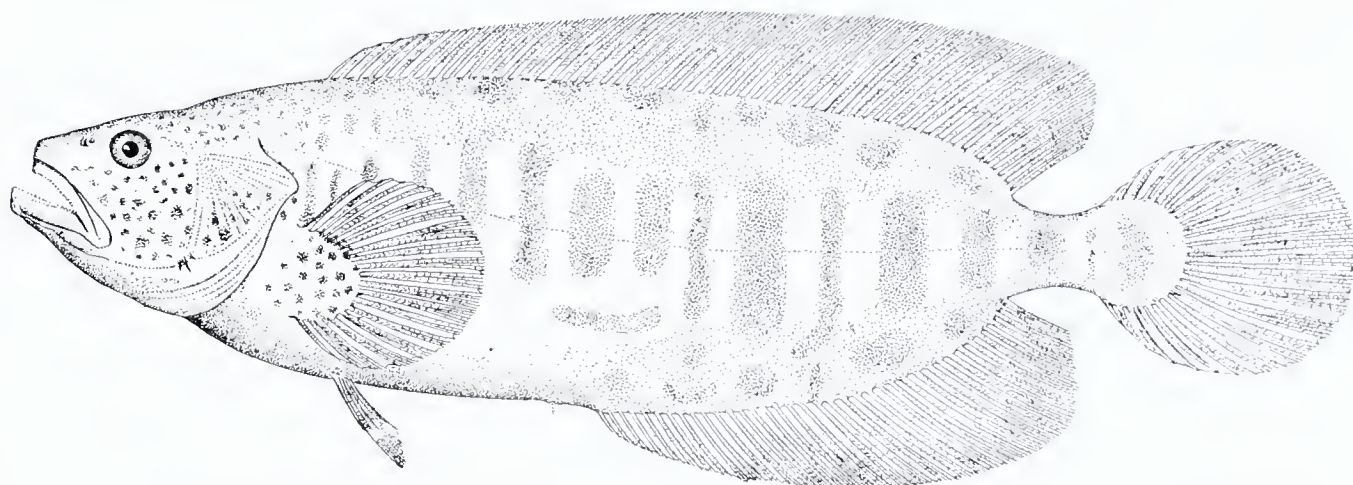


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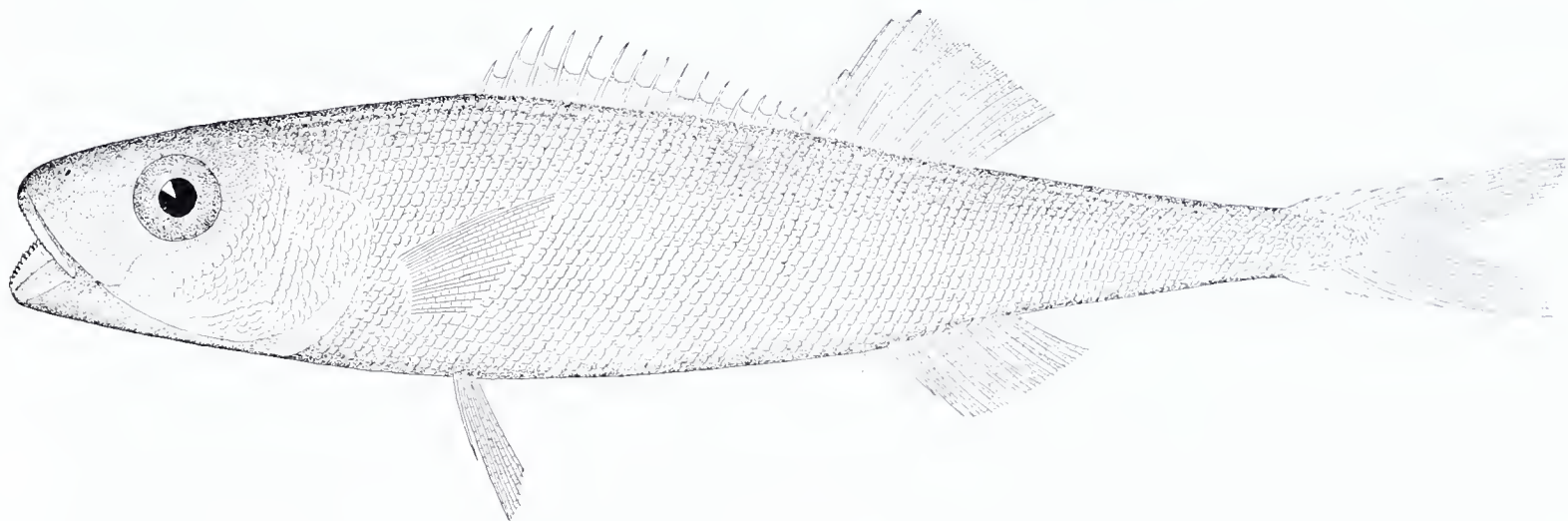
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